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ABSTRACT

Over 200 print and audiovisual materials which promote understanding of the importance of agriculture are described in this resource guide for teachers. Items which have been developed specifically for classroom use are described in addition to a large number of general informational materials which could be adapted according to classroom needs. Materials are presented in four sections: print, audiovisuals and kits, collections of materials, and resource guides. Each entry provides the title, publisher/producer, grade level, format, description of the contents, agricultural concepts taught, price, and ordering information. An index is provided which lists all materials according to the following agricultural concepts: (1) agriculture and history; (2) the geography of agriculture; (3) agriculture and technology; (4) the economics of agriculture; (5) agriculture and the world; (6) careers; and (7) major policy issues. (JH)

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Resource Guide to Educational Materials About Agriculture:

A Project of Agriculture in the Classroom

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The Resource Guide is a project of the Agriculture in the Classroom program. This program is a cooperative effort of representatives of farm organizations, State departments of agriculture and education, commodity groups, agriculture industry, farm women's organizations, educational organizations and the U.S. Department of Agriculture.

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Washington, D.C. 20250

Introduction

Agriculture is important to all of us. It affects us directly because it provides us with food, clothing, and shelter. Indirectly, it makes a major contribution to the economy of our Nation and to international trade. But because most of us today live in cities or suburban areas, we rarely understand how important agriculture is.

Farm representatives and educators asked the U.S. Department of Agriculture (USDA) to help with this problem, and this *Resource Guide to Educational Materials About Agriculture* is designed to do just that. The *Guide* was developed with the help of a task force consisting of representatives from farm organizations, commodity groups, farm women's organizations, State departments of agriculture, and education.

To develop this guide, we contacted more than 200 organizations and publishers. We asked them what materials they were producing that would help regular classroom teachers, grades K—12, incorporate more information about agriculture into their teaching. The materials we learned about are described in this *Guide*.

Some of these materials have been developed specifically for classroom use. A larger percentage, however, are general informational materials that teachers can use as sources to create their own materials or activities that will fit the needs of their own classrooms. The Guide is divided into four sections: print, audiovisuals and kits, collections, and resource guides. Within each section we have given information about individual teaching materials of that type. Each item lists the title, publisher/producer, grade level, format (booklet or film, for example), a description of the contents, the agricultural concepts it teaches, price, and ordering information. Except for some editing to conserve space or for consistency, the information is exactly as provided by the producer.

The agricultural concepts given in each listing will help teachers identify what subject matter and major ideas each title in the ResourceGuide can help them teach. These concepts are:

1. **Agriculture and history.** Agriculture issues or events as major influences in human history, from making possible the first settled societies to current world food issues.

2. **The geography of agriculture.** What grows where and why.

3. **Agriculture and technology.** How technology and specialization have changed American agriculture in the last 100 years.

4. **The economics of agriculture.** How the agriculture sector works and the relationship of U.S. agriculture to the rest of the economy. Effects of supply and demand, how prices are set, changing interactions of the factors of production, farming as a business, agribusiness.

5. **Agriculture and the world.** World food population and distribution and its relationship to American agriculture.

6. **Careers.** Careers now and in the future.

7. **Major policy issues.** Land use, conservation, chemicals, government interaction with agriculture, world food supplies for the future, other issues.

For easy reference, all materials in the *Guide* are listed according to the concepts they cover in a special section at the end of this publication.

Teaching materials included in the *Guide* are those that are primarily about agriculture and related issues. Materials that are largely concerned with nutrition, food preparation (recipes), promotional information, or buying advice on food and fiber are not included because many other resource guides already list such materials. Beyond determining that the teaching materials fit this subject-matter criteria, we have not attempted to evaluate them. Inclusion in this *Guide* does not mean endorsement by USDA. Our purpose in creating the *Guide* is to assemble information on a wide selection of materials so that teachers can decide for themselves what will be useful in their classrooms.

We plan to update this *Resource Guide* annually. We will appreciate your suggestions on materials to be included in future editions.

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Title: **ACA FOOD GLOBE**

Publisher/ Producer: **Agriculture Council of America**

Grade Level: 4-6, 7-9, 10-12, teacher reference

Format: two rotating disks fastened together

Content Description: Compares percentage of population in farming; percentage of spending that goes to food; food-trade balance; and minutes worked to earn one pound of pork, one pound of bread, and one dozen eggs in the United States and 11 other countries. April 1982.

Concept: economics of agriculture, agriculture and the world

Price: $1.00

Order from: Agriculture Council of America
Suite 708, 1625 Eye Street, N.W.
Washington, D.C. 20006

Title: **ACTIVITIES FOR LEARNING ABOUT CONSERVATION OF FOREST RESOURCES**

Publisher/ Producer: **USDA-Forest Service**

Grade Level: 4-6, 7-9, 10-12

Format: 29-page booklet

Content Description: Presents variety of simple, practical, and interesting classroom and field projects. Key concept and basic directions accompany each lesson. Includes address list for ordering materials. 1978.

Concept: geography of agriculture, major policy issues

Price: one copy free

Order from: Forest Service, USDA
P.O. Box 2417
Washington, D.C. 20013

Title: **AGRICULTURAL COOPERATIVES: PIONEER TO MODERN**

Publisher/ Producer: **Agricultural Cooperative Service, USDA**

Grade Level: teacher reference

Format: 42-page booklet

Content Description: Tells the history of cooperative activities from 1810 to the modern day. Covers cooperative experimentation, encouragement by farm organizations, expansion in commodity marketing, adoption of sound business practices, and how cooperatives adjusted to change. 1977.

Concept: agriculture and history

Price: free with written request stating purpose

Order from: Agricultural Cooperative Service, USDA
Room 3405, Auditor's Building
14th & Independence Avenue, S.W.
Washington, D.C. 20250

Title: **AGRICULTURAL ENGINEERING**

Publisher/ Producer: **American Society of Agricultural Engineers**

Grade Level: 7-9, 10-12, teacher reference

Format: eight-panel brochure

Content Description: Describes the five basic technical divisions of the agricultural engineering profession and four additional technical areas. Describes the critical role agricultural engineers play in establishing North America as the world's leader in food production. Also lists basic educational requirements. 1980.

Concept: careers

Price: first copy free, additional copies 10 cents each (minimum quantity order, $5.00; 10 percent discount for orders of 200 or more)

Order from: ASAE Career Publications
Box 410
St. Joseph, Michigan 49085

Title: **AGRICULTURAL MECHANIZATION**

Publisher/ Producer: **American Society of Agricultural Engineers**

Grade Level: 7-9, 10-12, teacher reference

Format: eight-page booklet

Content Description: Describes the key role agricultural mechanization specialists will play in meeting the challenges of the future. Discusses employment opportunities and education requirements. 1978.

Concept: careers

Price: first copy free, additional copies 30 cents each (minimum quantity order, $5.00; 10 percent discount for orders of 200 or more)

Order from: ASAE Career Publications
Box 410
St. Joseph, Michigan 49085

Title: **ALL ABOUT AGRICULTURE IN WASHINGTON**

Publisher/ Producer: **Cooperative Extension, Washington State University**

Grade Level: 4-6, 7-9, 10-12, teacher reference

Format: 20-page booklet

Content Description: Describes the major farm products of Washington State and how they are grown on seven typical farms across the State. 1978.

Concept: the geography of agriculture, the economics of agriculture, agriculture and the world, careers

Price: 50 cents

Order from: Bulletin Department
Cooperative Extension
Cooper Publications Building
Washington State University
Pullman, Washington 99164-5912

Title: **ALL ABOUT ILLINOIS FARMS**

Publisher/ Producer: **Illinois Farm Bureau**

Grade Level: 1-3, 4-6

Format: 24-page color-and-fun book

Content Description: Teaches about products grown in Illinois and gives specific farm facts such as the size of an acre and how many people one farmer feeds. 1980.

Concept: the geography of agriculture, agriculture and technology

Price: one or two copies free; package of 50, $4.85

Order from: Illinois Farm Bureau
1701 Towanda Avenue
Bloomington, Illinois 61701

Title: **AMERICA'S SOIL AND WATER: CONDITIONS AND TRENDS**

Publisher/ Producer: **U.S. Department of Agriculture, Soil Conservation Service**

Grade Level: 7-9, 10-12, teacher reference

Format: 32-page booklet

Content Description: Evaluates soil and water conditions in the United States. 1981.

Concept: economics of agriculture

Price: for sale only. Write to Superintendent of Documents

Order from: Superintendent of Documents
Government Printing Office
Washington, D.C. 20402

Title: **ANSWERS TO OFTEN-ASKED QUESTIONS ABOUT EGGS**

Publisher/ Producer: **American Egg Board**

Grade Level: 7-9, 10-12, teacher reference

Format: 8-page leaflet

Content Description: Includes information on additives used in chicken feed, hormones that are not fed to poultry, and how laying hens are treated. 1980.

Concept: agriculture and technology, major policy issues

Price: 2-1/2 cents each in quantity

Order from: American Egg Board
1460 Renaissance Drive
Park Ridge, Illinois 60068

Title: **BE YOUR OWN CORN DOCTOR**

Publisher/ Producer: **The Fertilizer Institute**

Grade Level: 10-12, teacher reference

Format: four-page brochure/mini-poster

Content Description: Describes and illustrates corn nutrient deficiencies. Could be useful for science class. 1955.

Concept: agriculture and technology

Price: 20 cents

Order from: The Fertilizer Institute
1015 18th Street, N.W.
Washington, D.C. 20036

Title: **THE BEST ENVIRONMENTAL CONSERVATION EDUCATION PROGRAMS IN AMERICA**

Publisher/ Producer: **National Association of Conservation Districts and the Allis Chalmers Corporation**

Grade Level: teacher reference

Format: 16-page booklet

Content Description: Describes the year's best environmental conservation education programs by teachers and conservation districts across the country. Includes specific examples of what teachers are doing in the classrooms to teach conservation education. Published annually in February.

Concept: careers

Price: free

Order from: National Association of Conservation Districts
1025 Vermont Avenue, N.W., #730
Washington, D.C. 20005

Title: **THE BIG BROWN BAG: ECONOMICS OF THE AMERICAN FOOD SYSTEM**

Publisher/ Producer: **Food Marketing Institute**

Grade Level: 4-6, 7-9

Format: 64-page book containing teacher's background, bibliographies, activity masters, pre- and post-tests

Content Description: Covers four major areas: Where does food come from and how does it get to you? How are food prices determined? What does it mean to be a smart consumer?Current issues in food and consumer economics. Teaches broad economic concepts, using the framework of the Joint Council on Economic Education. 1981.

Concept: the geography of agriculture, agriculture and technology, the economics of agriculture, agriculture and the world

Price: 1-10, $3.50 each; 11-49, $3.00 each; 50-99, $2.75 each; 100-999, $2.50 each; 1,000 and over, $2.25 each.

Order from: Food Marketing Institute
1750 K Street, N.W.
Washington, D.C. 20006

Title: **BUSINESS IN OUR COMMUNITY**

Publisher/ Producer: **American Institute of Cooperation**

Grade Level: 7-9

Format: 24-page booklet/study guide

Content Description: Explains the place and importance of business in America. Describes the nature of individually owned businesses, partnerships, and corporate firms including investor-owned and member/user-owned (cooperative) organizations. 1982.

Concept: the economics of agriculture

Price: one copy free for teachers; quantity orders, 90 cents each

Order from: American Institute of Cooperation
1800 Massachusetts Avenue, N.W., Suite 508
Washington, D.C. 20036

Title: **CAREER OPPORTUNITIES IN ARTIFICIAL INSEMINATION**

Publisher/ Producer: **National Association of Animal Breeders**

Grade Level: 10-12, teacher reference

Format: 16-page brochure

Content Description: Explains how technology in artificial breeding has increased productivity in cattle. Lists and explains in detail all the careers possible in the artificial insemination industry. 1979.

Concept: agriculture and history, agriculture and technology

Price: free (limit nine copies)

Order from: National Association of Animal Breeders
P.O. Box 1033
Columbia, Missouri 65205

Title: **CAREERS FOR A CHANGING WORLD—AGRIBUSINESS**

Publisher/ Producer: **New York Life Insurance Company**

Grade Level: 7-9, 10-12

Format: 13-page booklet

Content Description: General booklet on careers in agribusiness—also includes case studies on careers as animal raiser, agronomist, soil scientist, food chemist, assistant manager of dairymen's cooperative, agricultural consultant, and agricultural salesman. 1978.

Concept: careers

Price: first copy free, additional copies 10 cents each

Order from: New York Life Insurance Company, Careers
51 Madison Avenue, P.O. Box 51
New York, New York 10010

Title: **CAREERS FOR A CHANGING WORLD—NATURAL RESOURCES AND THE ENVIRONMENT**

Publisher/ Producer: **New York Life Insurance Company**

Grade Level: 7-9, 10-12

Format: 13-page booklet

Content Description: Includes information on careers as a pesticides inspector or a forest ranger. 1977.

Concept: careers

Price: first copy free, additional copies 10 cents each

Order from: New York Life Insurance Company, Careers
51 Madison Avenue, P.O. Box 51
Madison Square Station
New York, New York 10010

Title: **CAREERS IN AGRIBUSINESS AND INDUSTRY**
Producer/Publisher: Interstate Printers & Publishers, Inc.

Grade Level: 10-12

Format: 365-page book

Content Description: Tells about the industries, services, and professions that transform raw farm products into finished food and fiber products. Describes many career opportunities and the employment advantages in specialized careers. 1980.

Concept: careers

Price: $9.50 less educational discounts

Order from: Interstate Printers & Publishers, Inc.
19-27 North Jackson Street
Danville, Illinois 61832

Title: **CAREERS IN AGRONOMY, CROP SCIENCE, SOIL SCIENCE**

Publisher/ Producer: **American Society of Agronomy, the Crop Science Society of America, and the Soil Science Society of America**

Grade Level: 4-6, 7-9, 10-12, teacher reference

Format: 16-page booklet

Content Description: Defines the agronomic sciences, explains opportunities in agribusiness, and tells what agronomists do on a daily basis. Includes a small section on salaries and a list of colleges and universities with programs in agronomy, crop science, soil science, or general agriculture. 1978.

Concept: careers

Price: single copies free. 2-99, 35 cents each; 100-499, 32 cents each; 500-1,000, ask for quote.

Order from: ASA, CSSA, SSSA
677 South Segoe Road
Madison, Wisconsin 53717

Title: **CHALLENGING CAREERS IN SOIL CONSERVATION**

Publisher/ Producer: **U.S. Department of Agriculture, Soil Conservation Service**

Grade Level: 7-9, 10-12, teacher reference

Format: 18-page booklet

Content Description: Describes the kinds of jobs Soil Conservation Service employees do. 1981.

Concept: careers

Price: single copy free

Order from: USDA-SCS
Room 0054
P.O. Box 2890
Washington, D.C. 20013

Title: **CHICKENS AND EGGS**

Publisher/ Producer: **Maryland Farm Bureau Women's Committee**

Grade Level: 1-3, 4-6, teacher reference

Format: booklet with perforated pages for teacher to remove to make copies for student activities

Content Description: Provides information and activities for students: coloring, connecting dots, matching columns, and other challenging games related to broiler and egg production. 1981.

Concept: agriculture and technology, the economics of agriculture

Price: $4.00 plus postage

Order from: Maryland Farm Bureau
8930 Liberty Road
Randallstown, Maryland 21133

Title: **CONSERVATION FARMING**

Publisher/ Producer: **Deere & Company**

Grade Level: 10-12, teacher reference

Format: 150-page textbook

Content Description: Discusses factors to consider in conservation farming; energy management, water management, soil conservation, animal wastes and fertilizer management, pesticides and toxic substances management, and selecting crop production systems. 1981.

Concept: agriculture and technology, major policy issues

Price: $12.50; 10 or more, $10.00 each. Prices subject to change

Order from: John Deere Distribution Service Center
1400 Third Avenue
Moline, Illinois 61265

Title: **COOPERATIVES—DISTINCTIVE BUSINESS CORPORATIONS**

Publisher/ Producer: **Agricultural Cooperative Service, USDA**

Grade Level: 7-9

Format: 24-page slide presentation script booklet

Content Description: Pictures cooperatives as distinctive business corporations in the American private enterprise system. Tells both advantages and disadvantages of various businesses in the United States. 1978.

Concept: the economics of agriculture

Price: free, with written request stating purpose

Order from: Agricultural Cooperative Service, USDA
Room 3405, Auditor's Building
14th & Independence Avenue, S.W.
Washington, D.C. 20250

Title: **COOPERATIVES IN AGRIBUSINESS**

Publisher/ Producer: **Agricultural Cooperative Service, USDA**

Grade Level: 10-12

Format: 60-page booklet

Content Description: Contains basic background on cooperatives for high schools and junior colleges. Explains what a cooperative is—its organization, financing, and operations. Points out various rural and consumer cooperative examples. Touches on career opportunities. 1981.

Concept: the economics of agriculture

Price: free, with written request stating purpose

Order from: Agricultural Cooperative Service, USDA
Room 3405, Auditor's Building
14th & Independence Avenue, S.W.
Washington, D.C. 20250

Title: **COWS HAVE ALL THE EXTRAS**

Publisher/ Producer: **University of Wisconsin, Dairy Science Department and Wisconsin Women for Agriculture**

Grade Level: 4-6

Format: information sheet

Content Description: Gives information about the byproducts and meat from cows and calves.

Concept: agriculture and technology

Price: free

Order from: Wisconsin Women for Agriculture
Route 1
Cato, Wisconsin 54206

Title: **THE EARTH, OUR HOME IN SPACE**

Publisher/ Producer: **Soil Conservation Society of America**

Grade Level: 4-6, 7-9

Format: 16-page cartoon booklet and 4-page teacher's guide. Printed in full color on newsprint

Content Description: Tells how the earth was formed, how it developed into a habitable environment, and how man learned to use its resources—food, fiber, energy, and raw materials—to develop new products. 1973.

Concept: major policy issues

Price: booklets-75 cents each, discounts by quantity; teacher's guide-50 cents each, discounts by quantity

Order from: Soil Conservation Society of America
7515 N.E. Ankeny Road
Ankeny, Iowa 50021-9764

Title: **ECONOMICS: APPLICATIONS TO AGRICULTURE AND AGRIBUSINESS**

Publisher/ Producer: **Interstate Printers & Publishers, Inc.**

Grade Level: 10-12

Format: 569-page book

Content Description: Designed to improve the teaching and understanding of economics and its applications. The economic concepts are written in clear and concise terms and these concepts are related to practical problems of the everyday world. 1981.

Concept: the economics of agriculture

Price: $13.50 less educational discounts

Order from: Interstate Printers & Publishers, Inc.
19-27 North Jackson Street
Danville, Illinois 61832

Title: **EGGCYCLOPEDIA**

Publisher/ Producer: **American Egg Board**

Grade Level: 7-9, 10-12, teacher reference

Format: 52-page booklet

Content Description: Covers information about eggs in an encyclopedic format. Topics range from production, cleaning, and marketing; egg products inspection and grading; and major policy issues such as cholesterol and salmonella. 1981.

Concept: agriculture and technology, major policy issues

Price: 20 cents each in quantity

Order from: American Egg Board
1460 Renaissance Drive
Park Ridge, Illinois 60068

Title: **FACTS ABOUT FAMILY VERSUS CORPORATE FARMING**

Publisher/ Producer: **American Farm Bureau Federation**

Grade Level: 7-9, 10-12, teacher reference

Format: six-panel brochure

Content Description: Describes the patterns of farm ownership and explains that most existing farm corporations are family farms that have incorporated for business reasons. 1979.

Concept: agriculture and technology, the economics of agriculture, careers

Price: 6 cents each

Order from: Information Division
American Farm Bureau Federation
225 Touhy Avenue
Park Ridge, Illinois 60068

Title: **FARM AND AGRICULTURAL RESOURCE MANUAL (FARM)**

Publisher/ Producer: **Oregon Women for Agriculture**

Grade Level: 4-6

Format: Book of 26 lesson plans complete with teacher's guide and student pages

Content Description: Through a variety of activities it is hoped that farm and especially nonfarm children will learn about today's farming. It is no longer "Old MacDonald's Farm" but a business closely related to today's consumers. 1982.

Concept: agriculture and history, geography of agriculture, agriculture and technology, economics of agriculture, agriculture and the world, careers, major policy issues

Price: $6.00/copy plus postage and handling, $2.50

Order from: Oregon Women for Agriculture
Rt. 3, Box 541
Corvallis, Oregon 97333

Title: **FARM ANIMALS**

Publisher/ Producer: **American Farm Bureau Federation**

Grade Level: 7-9, 10-12, teacher reference

Format: eight-panel brochure

Content Description: Describes how family farming has changed and how these changes improve animal health, meet consumer demands, and respond to changing economic conditions. 1981.

Concept: agriculture and technology, the economics of agriculture, major policy issues

Price: $8.00 per hundred

Order from: Information Division
American Farm Bureau Federation
225 Touhy Avenue
Park Ridge, Illinois 60068

Title: FARM BUREAU FACT & FUN BOOK

Publisher/ Producer: Kansas Farm Bureau

Grade Level: preschool/kindergarten, 1-3, 4-6

Format: 24-page coloring/activity book

Content Description: Focuses on Kansas and Kansas agriculture. Emphasizes Kansas commodities, facts about Kansas history and legislature, crop and livestock production, health and nutrition, and safety. Includes coloring pictures, puzzles, riddles, thought questions, and a maze. 1982.

Concept: agriculture and history, geography of agriculture, agriculture and technology, agriculture and the world

Price: 15 cents each, plus postage

Order from: Kansas Farm Bureau, Field Services Division
2321 Anderson Avenue
Manhattan, Kansas 66502

Title: FARMING'S FANTASTIC FACTS

Publisher/ Producer: Maverick Publishing

Grade Level: 5-7

Format: booklet, approximately 65 pages

Content Description: Presents overview of U.S. agriculture; includes history, how farming is done, farm animals, equipment, processing, sales and marketing. 1982.

Concept: agriculture and history, agriculture and technology, economics of agriculture

Price: $5.50 for first copy; $4.75 each for additional copies (includes postage and handling)

Order from: Oregon Women for Agriculture
Route 1, Box 259-B
Amity, Oregon 97101

Title: FARM-IN-THE-SCHOOL TEACHING RESOURCE GUIDE

Publisher/ Producer: Illinois Farm Bureau

Grade Level: 1-3, 4-6, teacher reference

Format: 101-page teaching guide in loose-leaf binder form; contains chapters for teacher's use, activity sheets, and a resource guide

Content Description: Contains material on many aspects of agriculture—products grown in Illinois, why agriculture is our Nation's largest industry, livestock and livestock production, agricultural history, and improvements in technology affecting agriculture. 1981.

Concept: agriculture and history, the geography of agriculture, agriculture and technology, the economics of agriculture, agriculture and the world

Price: $5.65

Order from: Illinois Farm Bureau
1701 Towanda Avenue
Bloomington, Illinois 61701

Title: FEEDING MULTITUDES

Publisher/ Producer: Interstate Printers & Publishers, Inc.

Grade Level: 10-12, teacher reference

Format: 491-page book

Content Description: Explains how farmers have poured profit-making wealth into the cities for years. Shows how farmers have contributed to the generally high standard of living in the United States and also points out their role in the U.S. balance of trade. 1981.

Concept: agriculture and history, the geography of agriculture, agriculture and the world

Price: $12.00

Order from: Interstate Printers & Publishers, Inc.
19-27 North Jackson Street
Danville, Illinois 61832

Title: **THE FERTILIZER HANDBOOK**

Publisher/ Producer: **The Fertilizer Institute**

Grade Level: teacher reference (science teachers)

Format: 274-page book

Content Description: Underscores the importance of fertilizer as an essential farm production input and discusses its manufacture, use, and benefits. Includes information on fertilizer terms and economics, environment, soil and plant testing, and safety. 1982 (revision).

Concept: agriculture and technology

Price: $6.50

Order from: The Fertilizer Institute
1015 18th Street, N.W.
Washington, D.C. 20036

Title: **FOOD AND FIBER FOR A CHANGING WORLD**

Publisher/ Producer: **Interstate Printers & Publishers, Inc.**

Grade Level: 10-12, teacher reference

Format: 258-page book

Content Description: Provides a concise overview of the agricultural industry and its segments as well as the industry's relationship to the world's food/population problem. Summarizes the progress made by American agriculture. 1982.

Concept: agriculture and history, the geography of agriculture, agriculture and the world, major policy issues

Price: $10.75 less educational discounts

Order from: Interstate Printers & Publishers, Inc.
19-27 North Jackson Street
Danville, Illinois 61832

Title: **FOOD AND THE LAND**

Publisher/ Producer: **Soil Conservation Society of America**

Grade Level: 4-6, 7-9

Format: 16-page cartoon booklet and 4-page teacher's guide. Printed in full color on newsprint

Content Description: Tells the story of man's climb from a subsistence society to one in which a single farmer can supply the needs of many and explains the role conservation has in maintaining agricultural production. 1968, to be revised 1983.

Concept: agriculture and history, agriculture and technology, agriculture and the world, major policy issues

Price: booklets—75 cents each, discounts by quantity; teacher's guide—50 cents each, discounts by quantity

Order from: Soil Conservation Society of America
7515 N.E. Ankeny Road
Ankeny, Iowa 50021-9764

Title: **FOOD FOR THOUGHT LESSON PLAN**

Publisher/ Producer: **Du Pont Company**

Grade Level: 7-9, 10-12, teacher reference

Format: lesson plan

Content Description: Lesson plan prepared by Eileen Miller, National Science Teachers Association consultant and former 5th grade teacher. Activities are listed for classroom participation—the use of the Du Pont poster and/or placemat would be helpful in this activity. 1982.

Concept: agriculture and technology, economics of agriculture

Price: free

Order from: John R. Harvey, Public Affairs Department
Du Pont Company
1007 Market Street
Wilmington, Delaware 19898

Title: **FOOD FOR THOUGHT PLACEMAT**

Publisher/ Producer: **Du Pont Company**

Grade Level: 1-3, 4-6, 7-9, 10-12, teacher reference

Format: placemat

Content Description: Contains facts and figures on America's food supply—specifically on what a family of four consumes in a year. Additional information on U.S. agriculture and a number of facts about farming. August 1982.

Concept: agriculture and technology, economics of agriculture

Price: free

Order from: John R. Harvey, Public Affairs Department
Du Pont Company
1007 Market Street
Wilmington, Delaware 19898

Title: **FORESTRY SCHOOLS IN THE UNITED STATES**

Publisher/ Producer: **USDA-Forest Service**

Grade Level: 7-9, 10-12, teacher reference

Format: 32-page booklet

Content Description: Lists all colleges and universities that provide a forestry curriculum. Describes available degrees and some program requirements for each school. 1975.

Concept: careers

Price: one copy free

Order from: Forest Service, USDA
P.O. Box 2417
Washington, D.C. 20013

Title: **FREEDOM TO CHOOSE**

Publisher/ Producer: **American Farm Bureau Federation**

Grade Level: 7-9, 10-12, teacher reference

Format: four-panel brochure

Content Description: Summarizes the importance of the private competitive enterprise system to agricultural production in the United States. Relates the market-price system (supply and demand) to incentives for agricultural and consumer prices. 1980.

Concept: the economics of agriculture, major policy issues

Price: 10 cents each

Order from: Information Division
American Farm Bureau Federation
225 Touhy Avenue
Park Ridge, Illinois 60068

Title: **GASOHOL CONSUMER BROCHURE**

Publisher/ Producer: **Nebraska Gasohol Committee**

Grade Level: 7-9, 10-12, teacher reference

Format: four-panel brochure

Content Description: Answers often-asked questions about gasohol, a motor fuel consisting of 90% unleaded gasoline and 10% grain alcohol. 1981.

Concept: major policy issues

Price: free

Order from: Mark A. Poeschl
Nebraska Gasohol Committee
301 Centennial Mall South, P.O. Box 94831
Lincoln, Nebraska 68509

Title: **GASOHOL SUMMARY BROCHURE**

Publisher/ Producer: **Nebraska Gasohol Committee**

Grade Level: 7-9, 10-12, teacher reference

Format: six-panel brochure

Content Description: Discusses the history of gasohol, past gasohol tests, the ethanol fermentation process, the use of grain by-products, and the economics of grain alcohol production. 1981.

Concept: major policy issues

Price: free

Order from: Mark A. Poeschl
Nebraska Gasohol Committee
301 Centennial Mall South, P.O. Box 94831
Lincoln, Nebraska 68509

Title: **A GLOSSARY OF SPICES**

Publisher/ Producer: **The American Spice Trade Association**

Grade Level: 4-6, 7-9, 10-12, teacher reference

Format: 24-page booklet

Content Description: Describes: spices and herbs, dehydrated vegetable seasonings, blends, and allied products. 1966.

Concept: agriculture and history, the geography of agriculture, agriculture and the world

Price: $1.00 prepaid

Order from: The American Spice Trade Association InformationBureau
350 Fifth Avenue
New York, New York 10118

Title: **GRANGE BLUE BOOK**

Publisher/ Producer: **National Grange**

Grade Level: 7-9, 10-12, teacher reference

Format: 16-page booklet

Content Description: Tells the history, structure, and accomplishments of oldest farm organization in the country.

Concept: agriculture and history

Price: free (limit two)

Order from: Information Department
National Grange
1616 H Street, N.W.
Washington, D.C. 20006

Title: **GREEN FIELDS**

Publisher/ Producer: **The Fertilizer Institute**

Grade Level: 10-12, teacher reference

Format: 12-page booklet

Content Description: Explains how fertilizers work and their relationship to the environment. 1972.

Concept: agriculture and history, agriculture and technology

Price: 50 cents

Order from: The Fertilizer Institute
1015 18th Street, N.W.
Washington, D.C. 20036

Title: **GUIDE TO CONSERVATION CAREERS**

Publisher/ Producer: **National Association of Conservation Districts**

Grade Level: 7-9, 10-12, teacher reference

Format: 14-page booklet

Content Description: Serves as a reference booklet to help students get information on conservation as a career. Includes materials relating to soil, water, fish, wildlife, forest conservation, and others. Lists names, addresses, and prices of career information sources. 1981.

Concept: careers

Price: single copies free

Order from: National Association of Conservation Districts
1025 Vermont Avenue, N.W., #730
Washington, D.C. 20005

Title: **HANDBOOK OF AGRICULTURAL OCCUPATIONS**

Publisher/ Producer: **Interstate Printers & Publishers, Inc.**

Grade Level: 7-9, 10-12

Format: 364-page book

Content Description: Written for high school youths who wish to explore opportunities for employment in the field of agriculture. Offers occupational briefs for 87 typical off-farm occupations. Also includes descriptions of 72 titles for owners and employees in agricultural production. 1977.

Concept: careers

Price: $12.50

Order from: Interstate Printers & Publishers, Inc.
19-27 North Jackson Street
Danville, Illinois 61832

Title: **A HISTORY OF SPICES**

Publisher/ Producer: **The American Spice Trade Association**

Grade Level: 4-6, 7-9, 10-12, teacher reference

Format: 16-page booklet

Content Description: Spice history at a glance from 50,000 B.C. to present. 1972.

Concept: agriculture and history, agriculture and the world

Price: 75 cents prepaid
Orderform: The American Spice Trade Association Information Bureau
350 Fifth Avenue
New York, New York 10118

Title: **HELP KEEP OUR LAND BEAUTIFUL**

Producer/ Publisher: **Soil Conservation Society of America**

Grade Level: 4-6, 7-9

Format: 16-page cartoon booklet and 4-page teacher's guide. Printed in full color on newsprint

Content Description: Details how increased demands on America's natural resources create unnecessary waste, ugliness, and reduced productivity and shows how conservation can be a real basis for a beautiful and bountiful land. 1962.

Concept: major policy issues

Price: booklets—75 cents each, discounts by quantity; teacher's guides—50 cents each, discounts by quantity

Order from: Soil Conservation Society of America
7515 N.E. Ankeny Road
Ankeny, Iowa 50021-9764

Title: **HOG IS MAN'S BEST FRIEND**

Publisher/ Producer: **Pork Industry Group-National Live Stock & Meat Board**

Grade Level: 10-12, teacher reference

Format: 20-page booklet

Content Description: Explains how the use of pork byproducts provides economic benefits to both the pork industry and the consumer. Lists and describes a host of hog byproducts used in both medicine and industry. 1978.

Concept: the economics of agriculture

Price: 1-9, 25 cents each; 10-99, 15 cents each; $15.00 per 100; $80.00 per 1,000.

Order from: National Live Stock & Meat Board
444 N. Michigan Avenue
Chicago, Illinois 60611

Title: **A HOG'S NOT ALL CHOPS**

Publisher/ Producer: **Pork Industry Group-National Live Stock & Meat Board**

Grade Level: 10-12, teacher reference

Format: six-panel brochure

Content Description: Shows how a modern-day hog yields 122 pounds of pork cuts and lard and explains how supply and demand affects pork production and the reasons for ups and down of pork prices. 1981.

Concept: the economics of agriculture

Price: 1-9, 25 cents each; 10-99, 10 cents each; $5.00 per 100; $35.00 per 1,000.

Order from: National Live Stock & Meat Board
444 N. Michigan Avenue
Chicago, Illinois 60611

Title: **HOW A TREE GROWS**

Publisher/ Producer: **USDA-Forest Service**

Grade Level: 1-3, 4-6, 7-9, 10-12, teacher reference

Format: full-color poster

Content Description: Illustrates cross sections of the trunk, root, and leaf of a tree. Includes explanatory paragraphs. 1978.

Concept: geography of agriculture

Price: one copy free

Order from: Forest Service, USDA
P.O. Box 2417
Washington, D.C. 20013

Title: **HOW WE ORGANIZE TO DO BUSINESS IN AMERICA**

Publisher/ Producer: **American Institute of Cooperation**

Grade Level: 10-12, teacher reference

Format: 29-page booklet

Content Description: Explains the types of business in America: individual ownership, partnership, and corporation—both investor-owned and member/user-owned. 1973.

Concept: the economics of agriculture

Price: first copy free to teachers, additional copies 90 cents

Order from: American Institute of Cooperation
1800 Massachusetts Avenue, N.W.,
Suite 508
Washington, D.C. 20036

Title: **THE IDEA THAT WORKED: AMERICA'S CONSERVATION DISTRICTS**

Publisher/ Producer: **Soil Conservation Society of America**

Grade Level: 4-6, 7-9

Format: 16-page cartoon booklet and 4-page teacher's guide. Printed in full color on newsprint

Content Description: Tells story of soil and water conservation districts; their history; their role in halting erosion and improving watersheds; their continuing influence on sound land use practices; and their future role in improving water quality, agricultural production, and the wise use of the land. 1978.

Concept: major policy issues

Price: booklets—75 cents each, discounts by quantity; teacher's guides—50 cents each, discounts by quantity

Order from: Soil Conservation Society of America
7515 N.E. Ankeny Road
Ankeny, Iowa 50021-9764

Title: **ILLINOIS AGRICULTURE—BIG BUSINESS HERE AND OVERSEAS**

Publisher/ Producer: **Illinois Farm Bureau**

Grade Level: 10-12, teacher reference

Format: 12-panel brochure

Content Description: Presents facts about Illinois agriculture and its impact on the Nation's economy. Also includes information about livestock production, animal byproducts, and the growth stages of animals. 1981.

Concept: the geography of agriculture

Price: one or two copies free; package of 50, $5.50

Order from: Illinois Farm Bureau
1701 Towanda Avenue
Bloomington, Illinois 61701

Title: **IMPROVING GRAIN TRANSPORTATION**

Publisher/ Producer: **Pioneer Hi-Bred International**

Grade Level: 10-12, teacher reference

Format: 20-page booklet

Content Description: Describes the problem many farmers and elevator managers are having transporting their grain. 1980.

Concept: the economics of agriculture

Price: free

Order from: Pioneer Hi-Bred International
1206 Mulberry Street
Des Moines, Iowa 50308

Title: **INFLATION—ITS IMPACT ON FARM FAMILIES**

Publisher/ Producer: **American Farm Bureau Federation**

Grade Level: 7-9, 10-12, teacher reference

Format: 6-panel brochure

Content Description: Explains the reason for inflation and its effects on agriculture, which, in turn, affect consumer prices for food and fiber. 1979.

Concept: the economics of agriculture, major policy issues

Price: 6 cents each

Order from: Information Division
American Farm Bureau Federation
225 Touhy Avenue
Park Ridge, Illinois 60068

Title: **IOWA**

Publisher/ Producer: **Marketing Division, Iowa Department of Agriculture**

Grade Level: 4-6, 7-9, 10-12, teacher reference

Format: 24-page brochure

Content Description: Stresses the types of products raised in Iowa, the size of each industry, and basic information about each commodity. 1981; revision 1982.

Concept: economics of agriculture, agriculture and the world

Price: one copy free; others 25 cents each.

Order from: Marketing Division/Iowa Department of Agriculture
Wallace Building
Des Moines, Iowa 50319

Title: **IQ QUIZ**

Publisher/ Producer: **Agriculture Council of America**

Grade Level: 7-9, 10-12, teacher reference

Format: six-panel brochure

Content Description: Uses question-and-answer format to present information about agriculture—"America's Heartbeat." 1981.

Concept: economics of agriculture

Price: 25 for $5.00

Order from: Agriculture Council of America
Suite 708, 1626 Eye Street, N.W.
Washington, D.C. 20006

Title: **THE LEARNING AND FUN BOOK ABOUT PIGS AND COWS**

Publisher/ Producer: **DeKalb County Farm Bureau**

Grade Level: preschool/kindergarten, 1-3, 4-6, teacher reference

Format: 48-page teacher's manual: includes 1 page pork and beef introduction to teachers, 10 pages spirit master background, 1 page glossary, 12 pages poster pictures, and 24 spirit master lessons.

Content Description: Traces the production of pork and beef (including care and handling) from the birth to market and, at the same time, relates education (math, English, etc.) to this type of agriculture. 1977.

Concept: agriculture and history, agriculture and technology

Price: $3.00 plus 50 cents postage

Order from: DeKalb County Farm Bureau
315 N. 6th Street
DeKalb, Illinois 60115

Title: **A LOOK AT AGRICULTURE**

Publisher/ Producer: **Mercer County Farmers' Association**

Grade Level: 1-3

Format: 30-page booklet with teacher's guide and activity sheets

Content Description: Presents basic concepts of agriculture including farm products and their use to consumers. Also examines the role of farmers and other people involved in agriculture. Compares old and new farming methods and the path of products from farm to consumer. 1982.

Concept: agriculture and history, agriculture and technology, economics of agriculture, careers

Price: $2.00

Order from: Mercer County Farmers' Association
c/o Wendy Kellogg
R.D. #1, Box 219
Jackson Center, Pennsylvania 16133

Title: **THE LOUISIANA YAM . . . ITS DEVELOPMENT AND GROWTH**

Publisher/ Producer: **Louisiana Sweet Potato Commission**

Grade Level: 10-12, teacher reference

Format: 9-page booklet

Content Description: Describes the development of the Louisiana yam varieties being commercially marketed today, the growth of the market and the Louisiana yam's nutritional value and versatility. 1980.

Concept: agriculture and history, agriculture and technology

Price: Single copies free

Order from: Louisiana Sweet Potato Commission
P.O. Box 133
Opelousas, Louisiana 70570

Title: **MAKE ROOM FOR MONSTERS...AND WILDLIFE ON THE LAND**

Publisher/ Producer: **Soil Conservation Society of America**

Grade Level: 4-6,7-9

Format: 16-page cartoon booklet and 4-page teacher's guide. Printed in full color on newsprint.

Content Description: Describes value of wildlife, explains wildlife habitat needs; focuses on beneficial and detrimental land uses and management affecting habitat; and describes how children can attract wildlife to their homes. 1982.

Concept: major policy issues

Price: booklets—75 cents each, discounts by quantity; teacher's guide—50 cents each, discounts by quantity

Order from: Soil Conservation Society of America
7515 N.E. Ankeny Road
Ankeny, Iowa 50021-9764

Title: **MAKING PAPER FROM TREES**

Publisher/ Producer: **USDA-Forest Service**

Grade Level: 10-12, teacher reference

Format: 9-page booklet

Content Description: Reviews international history of paper making and the types of woods used in America. Defines terms associated with common paper products. 1977.

Concept: agriculture and history, agriculture and technology

Price: one copy free

Order from: Forest Service, USDA
P.O. Box 2417
Washington, D.C. 20013

Title: **MARKET TO MARKET**

Publisher/ Producer: **Prime Time School Television**

Grade Level: 7-9, 10-12, teacher reference

Format: 15-page teacher guide to supplement PBS weekly public affairs program "Market to Market"

Content Description: Provides background information on farming and food production that will increase student's understanding of the food business and, therefore, the issues discussed on "Market to Market." 1981.

Concept: geography of agriculture, agriculture and technology, economics of agriculture, agriculture and the world, careers, major policy issues

Price: $3.00

Order from: Prime Time School TV
40 Huron
Chicago, Illinois 60611

Title: **NEBRASKA, THE GOOD LIFE**

Publisher/ Producer: **Nebraska Department of Agriculture**

Grade Level: 4-6, 7-9, 10-12, teacher reference

Format: six-page brochure

Content Description: Discusses the story of Nebraska agriculture. 1979.

Concept: agriculture and history, the geography of agriculture

Price: free (limit of 25 per request)

Order from: Nebraska Department of Agriculture Marketing Division
P.O. Box 94947
Lincoln, Nebraska 68505

Title: **NO NEED FOR HUNGER**

Publisher/ Producer: **Interstate Printers & Publishers, Inc.**

Grade Level: 10-12, teacher reference

Format: 341-page book

Content Description: Offers hope and optimism through specific plans for eliminating world hunger and poverty. Presents a systems approach to food supply and marketing. 1981.

Concept: agriculture and the world, major policy issues

Price: $11.95

Order from: Interstate Printers & Publishers, Inc.
19-27 North Jackson Street
Danville, Illinois 61832

Title: **OLD MACDONALD'S FARM HAS CHANGED!**

Publisher/ Producer: **Wisconsin Agri-Business Council, Inc.**

Grade Level: preschool/kindergarten, 1-3, 4-6

Format: 16-page coloring book

Content Description: Compares today's food production with that of the mid-1930's. 1981.

Concept: agriculture and history,agriculture and technology, the economics of agriculture

Price: two for $1.00 (includes postage and handling)

Order from: Wisconsin Agri-Business Council, Inc.
2117 Sherman Avenue
Madison, Wisconsin 53704

Title: **OUR FRIEND HERFY**

Publisher/ Producer: **Nebraska Hereford Auxiliary**

Grade Level: preschool/kindergarten, 1-3

Format: 30-page storybook and 60-page workbook

Content Description: Teaches young children about raising cattle and gives them puzzles to solve that will teach them about cattle and ranch life. 1975.

Concept: agriculture and the world, careers

Price: $4.00 per set

Order from: Nebraska Hereford Association
Rt. 5
Burwell, Nebraska 68823

Title: **OUR LAND AND ITS CARE**

Publisher/ Producer: **The Fertilizer Institute**

Grade Level: 10–12, teacher reference

Format: 78-page booklet

Content Description: Focuses on the major contemporary issues involved in agricultural production, namely, soil and water conservation, environmental quality, plant nutrient needs, and nutrient sources. Emphasizes the importance of preserving our best lands for agriculture. 1977.

Concept: agriculture and history, agriculture and technology, agriculture and the world

Price: $1.50 per copy

Order from: The Fertilizer Institute
1015 18th Street, N.W.
Washington, D.C. 20036

Title: **OUTDOOR CLASSROOMS ON SCHOOL SITES**

Publisher/ Producer: **U.S. Department of Agriculture, Soil Conservation Service**

Grade Level: teacher reference

Format: 22-page booklet

Content Description: Suggests methods for using the school grounds to enrich classroom teaching of natural resource conservation. 1980.

Concept: geography of agriculture

Price: single copy free

Order from: USDA-SCS
Room 0054
P.0. Box 2890
Washington, D.C. 20013

Title: **PEOPLE, CITIES, AND TREES**

Publisher/ Producer: **USDA-Forest Service**

Grade Level: 10–12, teacher reference

Format: 9-page booklet

Content Description: Introduces the application of Forest Service Research to urban needs. Discusses at an introductory level the use of forest products for urban greenbelts, water purity, housing, and recreation. 1974.

Concept: agriculture and technology, major policy issues

Price: one copy free

Order from: Forest Service, USDA
P.O. Box 2417
Washington, D.C. 20013

Title: **PEOPLE ON THE FARM: BLACK FAMILIES**

Publisher/ Producer: **U.S. Department of Agriculture**

Grade Level: 7–9, 10–12, teacher reference

Format: 16-page booklet in a series of eight. Teacher's guide available for series

Content Description: Describes lifestyles, problems, and achievements of two black farm families: one already successful, the other struggling. Gives historical background. 1980.

Concept: agriculture and history, economics of agriculture, careers

Price: free, 30 per teacher

Order from: Special Programs Center, OGPA
Room 535A,
U.S. Department of Agriculture
Independence Avenue and 14th Street
Washington, D.C. 20250

Title: **PEOPLE ON THE FARM: BROILER GROWERS**

Publisher/ Producer: **U.S. Department of Agriculture**

Grade Level: 7-9, 10-12, teacher reference

Format: 24-page booklet in a series of eight. Teacher's guide available for series

Content Description: Examines vertical integration in the broiler industry in detail at the producer level, plus national production and consumption trends. Glossary included. 1977.

Concept: agriculture and technology, economics of agriculture, careers

Price: free, 30 per teacher

Order from: Special Programs Center, OGPA
Room 535A,
U.S. Department of Agriculture
Independence Avenue and 14th Street
Washington, D.C. 20250

Title: **PEOPLE ON THE FARM: CORN AND HOG FARMING**

Publisher/ Producer: **U.S. Department of Agriculture**

Grade Level: 7-9, 10-12, teacher reference

Format: 24-page booklet in a series of eight. Teacher's guide available for series

Content Description: Describes in detail the lifestyle of the Miller family who grows corn and raises hogs in Iowa. Describes the decisions of farming, its economics, and the need for conservation. 1977.

Concept: geography of agriculture, agriculture and technology, economics of agriculture, careers

Price: free, 30 per teacher

Order from: Special Programs Center, OGPA
Room 535A,
U.S. Department of Agriculture
Independence Avenue and 14th Street
Washington, D.C. 20250

Title: **PEOPLE ON THE FARM: DAIRYING**

Publisher/ Producer: **U.S. Department of Agriculture**

Grade Level: 7-9, 10-12, teacher reference

Format: 24-page booklet in a series of eight. Teacher's guide available for series

Content Description: Focuses on the daily lives of real farm families. Describes what economic, physical, and socio-government inputs are required on an average dairy farm today. Current national statistics are woven throughout. Revised 1981.

Concept: agriculture and technology, economics of agriculture, careers, major policy issues

Price: free, 30 per teacher

Order from: Special Programs Center, OGPA
Room 535A,
U.S. Department of Agriculture
Independence Avenue and 14th Street
Washington, D.C. 20250

Title: **PEOPLE ON THE FARM: GROWING ORANGES**

Publisher/ Producer: **U.S. Department of Agriculture**

Grade Level: 7-9, 10-12, teacher reference

Format: 28-page booklet in a series of eight. Teacher's guide available for series

Content Description: Describes Florida's orange growing in detail: How most groves are managed by professionals for absentee owners and basic marketing strategies. Emphasizes human aspects. Well illustrated. Touches on California orange growing and on national trends.

Concept: agriculture and technology, economics of agriculture, careers

Price: free, 30 per teacher

Order from: Special Programs Center, OGPA
Room 535A,
U.S. Department of Agriculture
Independence Avenue & 14th Street
Washington, D.C. 20250

Title: **PEOPLE ON THE FARM: GROWING VEGETABLES**

Publisher/ Producer: **U.S. Department of Agriculture**

Grade Level: 7-9, 10-12, teacher reference

Format: 32-page booklet in a series of eight

Content Description: Describes how and why specific farmers grow tomatoes for processing in California, lettuce for salads in California, potatoes in Idaho, peas for canning in Wisconsin, and peppers in Florida (in competition with Mexico). Examines small farm operation in North Carolina. 1982.

Concept: geography of agriculture, agriculture and technology, careers

Price: free, 30 per teacher

Order from: Special Programs Center, OGPA
Room 535A,
U.S. Department of Agriculture
Independence Avenue and 14th Street
Washington, D.C. 20250

Title: **PEOPLE ON THE FARM: GROWING WHEAT**

Publisher/ Producer: **U.S. Department of Agriculture**

Grade Level: 7-9, 10-12, teacher reference

Format: 20-page booklet in a series of eight

Content Description: Graphically illustrates the economic decisions made by families who grow, harvest, and market wheat. Examines the Dust Bowl. Explains classes of wheat. 1980.

Concept: geography of agriculture, agriculture and technology, economics of agriculture, careers

Price: free, 30 per teacher

Order from: Special Programs Center, OGPA
Room 535A,
U.S. Department of Agriculture
Independence Avenue and 14th Street
Washington, D.C. 20250

Title: **PEOPLE ON THE FARM: RAISING BEEF CATTLE**

Publisher/ Producer: **U.S. Department of Agriculture**

Grade Level: 7-9, 10-12, teacher reference

Format: 24-page booklet in a series of eight. Teacher's guide available for series

Content Description: Describes life styles of two families raising beef cattle: one on a ranch in Colorado and the other in Missouri where crops are grown also. Describes cattle business in detail. 1978.

Concept: geography of agriculture, economics of agriculture, careers

Price: free, 30 per teacher

Order from: Special Programs Center, OGPA
Room 535A,
U.S. Department of Agriculture
Independence Avenue and 14th Street
Washington, D.C. 20250

Title: **PEOPLE ON THE FARM: TEACHER'S GUIDE**

Publisher/ Producer: **U.S. Department of Agriculture**

Grade Level: teacher reference

Format: a teacher's guide for use with the first six booklets in series entitled "People on the Farm"

Content Description: Suggests classroom and student activities based on major ideas found in booklets on dairying, broiler growing, corn and hog farming, raising beef cattle, growing oranges, and black families. Lists other resources. 1980.

Concept: agriculture and history, geography of agriculture, agriculture and technology, economics of agriculture, careers, major policy issues

Price: free, one per teacher

Order from: Special Programs Center, OGPA
Room 535A,
U.S. Department of Agriculture
Independence Avenue and 14th Street
Washington, D.C. 20250

Title: **PIONEERS OF CONSERVATION IN AMERICA**

Publisher/ Producer: **Soil Conservation Society of America**

Grade Level: 4-6, 7-9

Format: 16-page cartoon booklet and 4-page teacher's guide. Printed in full color on newsprint.

Content Description: Pays tribute to such leaders as Thomas Jefferson, Aldo Leopold, and Hugh Hammond Bennett, whose writings, teachings, and actions did so much to lead America from the policies of land exploitation to those of modern soil and water conservation. 1976.

Concept: agriculture and history, agriculture and technology, major policy issues

Price: booklets—75 cents each, discounts by quantity; teacher's guides—50 cents each, discounts by quantity

Order from: Soil Conservation Society of America
7515 N.E. Ankeny Road
Ankeny, Iowa 50021-9764

Title: **PLANT PATHOLOGY, A SCIENTIFIC CAREER FOR YOU**

Publisher/ Producer: **The American Phytopathological Society**

Grade Level: 10-12, teacher reference

Format: 16-page booklet

Content Description: Describes career possibilities in plant pathology and how to prepare for them. 1980.

Concept: careers

Price: first copy free, additional copies 50 cents each

Order from: The American Phytopathological Society
3340 Pilot Knob Road
St. Paul, Minnesota 55121

Title: **PLANTS, ANIMALS, AND MAN—SHARING THE EARTH—AN ECOLOGY STORY**

Publisher/ Producer: **Soil Conservation Society of America**

Grade Level: 4-6, 7-9

Format: 16-page cartoon booklet and 4-page teacher's guide. Printed in full color on newsprint.

Content Description: A basic primer on ecology for children, explaining how soil, water, air, and solar energy interact to create food. Also outlines needs for conservation, pollution control, and proper planning. 1975.

Concept: agriculture and history, agriculture and technology, agriculture and the world, major policy issues

Price: booklets—75 cents each, discounts by quantity; teacher's guides—50 cents each, discounts by quantity

Order from: Soil Conservation Society of America
7515 N.E. Ankeny Road
Ankeny, Iowa 50021-9764

Title: **PLANTS—HOW THEY IMPROVE OUR ENVIRONMENT**

Publisher/ Producer: **Soil Conservation Society of America**

Grade Level: 4-6, 7-9

Format: 16-page cartoon booklet and 4-page teacher's guide. Printed in full color on newsprint.

Content Description: Explains how plants of all types improve environmental quality by guarding against soil erosion, absorbing pollutants, and reducing noise. Provides do-it-yourself projects that encourage children to get involved to help them understand these plant functions. 1972.

Concept: major policy issues

Price: booklets—75 cents each, discounts by quantity; teacher's guide—50 cents each, discounts by quantity

Order from: Soil Conservation Society of America
7515 N.E. Ankeny Road
Ankeny, Iowa 50021-9764

Title: **THE RELIABLE AMERICAN FARMER**

Publisher/ Producer: **Sperry New Holland**

Grade Level: 7-9, 10-12, teacher reference

Format: 12-panel brochure

Content Description: Describes the role American farmers play in helping to shape the United States economy. 1982.

Concept: agriculture and history, economics of agriculture

Price: first 100 copies, free; any amount over 100 is charged at 5 cents each

Order from: Sperry New Holland - 204
New Holland, Pennsylvania 17557

Title: **A SCIENTIST SPEAKS ABOUT EGG PRODUCTS**

Publisher/ Producer: **American Egg Board**

Grade Level: teacher reference

Format: 10-page leaflet

Content Description: Contains detailed information on processed and convenience forms of eggs including types of egg products, development of the egg products industry, processing, functional properties, nutrient composition, advantages, specifications and product equivalents. 1981.

Concept: agriculture and technology

Price: 3 cents each in quantity

Order from: American Egg Board
1460 Renaissance Drive
Park Ridge, Illinois 60068

Title: A SCIENTIST SPEAKS ABOUT FOWL

Publisher/ Producer: American Egg Board

Grade Level: teacher reference

Format: 4-page leaflet

Content Description: Includes information on nutrient composition, processing techniques, new uses and products and home preparation of fowl. 1981.

Concept: agriculture and technology

Price: 3 cents in quantity

Order from: American Egg Board
1460 Renaissance Drive
Park Ridge, Illinois 60068

Title: SO YOU WANT TO BE A FORESTER

Publisher/ Producer: American Forestry Association

Grade Level: 7-9, 10-12

Format: 22-page booklet

Content Description: Describes what foresters and related professionals do and where they work and lists forestry schools in the United States. Also describes educational requirements for certain jobs. Revised 1980.

Concept: careers

Price: first three copies free; 4-24, 50 cents each; 25-49, 46 cents each; 50-99, 42 cents each

Order from: The American Forestry Association
1319 18th Street, N.W.
Washington, D.C. 20036

Title: SOIL EROSION

Publisher/ Producer: U.S. Department of Agriculture, Soil Conservation Service

Grade Level: 7-9, 10-12, teacher reference

Format: 16-page booklet

Content Description: Describes the ways that water erodes soil and how erosion can be prevented. 1981.

Concept: agriculture and technology

Price: single copy free

Order from: USDA-SCS
Room 0054
P.O. Box 2890
Washington, D.C. 20013

Title: A STEER'S NOT ALL STEAK

Publisher/ Producer: Beef Industry Council-National Live Stock & Meat Board

Grade Level: 10-12, teacher reference

Format: six-panel brochure

Content Description: Explains how a 1,000-pound steer yields 432 pounds of retail beef cuts and how this affects the price of beef. Also includes easy-to-understand information about the supply and demand for beef. 1981.

Concept: the economics of agriculture

Price: 1-9, 25 cents each; 10-99, 10 cents each. $5.00 per 100; $35.00 per 1,000.

Order from: National Live Stock & Meat Board
444 N. Michigan Avenue
Chicago, Illinois 60611

Title: THE STORY OF LAND

Publisher/ Producer: Soil Conservation Society of America

Grade Level: 4-6, 7-9

Format: 16-page cartoon booklet and 4-page teacher's guide. Printed in full color on newsprint

Content Description: Describes man's use and misuse of the soil throughout history, emphasizing the soil conservation district approach to solving current problems. 1960.

Concept: agriculture and history, agriculture and technology, major policy issues

Price: booklets—75 cents each, discounts by quantity; teacher's guide—50 cents, discounts by quantity

Order from: Soil Conservation Society of America
7515 N.E. Ankeny Road
Ankeny, Iowa 50021-9764

Title: THE STORY OF RAISINS

Publisher/ Producer: California Raisin Advisory Board

Grade Level: 1-3

Format: six-panel brochure

Content Description: Tells where raisins are grown and how they are produced.

Concept: the geography of agriculture, agriculture and the world

Price: free for classroom quantities

Order from: California Raisin Advisory Board
P.O. Box 5335
Fresno, California 93755

Title: SUGGESTIONS FOR INCORPORATING FORESTRY INTO SCHOOL CURRICULUM

Publisher/ Producer: USDA-Forest Service

Grade Level: 1-3, 4-6, 7-9, 10-12

Format: 8-panel brochure

Content Description: Recommends natural resource-related topics that can be interdisciplinary in content. Presents an individualized list of topics for each school level. 1977.

Concept: agriculture and history, geography of agriculture, agriculture and technology, economics of agriculture, agriculture and the world, careers, major policy issues

Price: one copy free

Order from: Forest Service, USDA
P.O. Box 2417
Washington, D.C. 20013

Title: THE SUPERMARKET: HOW IT WORKS

Publisher/ Producer: Food Marketing Institute

Grade Level: 7-9, 10-12

Format: eight-page booklet

Content Description: Explains how the food distribution system works, emphasizing the importance of volume, product mix, and turnover. 1979.

Concept: the geography of agriculture, agriculture and technology, the economics of agriculture

Price: $1.50

Order from: Food Marketing Institute
1750 K Street, N.W.
Washington, D.C. 20006

Title: **TAPPING THE TREASURE IN CORN**

Publisher/ Producer: **Corn Refiners Association, Inc.**

Grade Level: 4–6, 7–9, 10–12, teacher reference

Format: four-page brochure

Content Description: Describes corn processing—production processing, products, and end-uses for corn products—starches, sweeteners, feeds, oil, and alcohol. 1981.

Concept: agriculture and technology

Price: free

Order from: Corn Refiners Association, Inc.
1001 Connecticut Avenue, N.W.
Washington, D.C. 20036

Title: **UNDERSTANDING CANADIAN AGRICULTURE**

Publisher/ Producer: **Canadian Foundation for Economic Education**

Grade Level: 10–12, teacher reference

Format: 28-page booklet

Content Description: Covers the development of the Canadian farming industry from the small family pioneer farm to the huge, complex, and mechanized operations that have developed during the past 25 years. 1978.

Concept: the economics of agriculture

Price: $2.00 per copy. Bulk order discounts.

Order from: Canadian Foundation for Economic Education
252 Bloor Street West, Suite 5—130
Toronto, Ontario, Canada M5S 1V5

Title: **UNDERSTANDING THE GAME OF THE ENVIRONMENT**

Publisher/ Producer: **USDA-Forest Service**

Grade Level: 7–9, 10–12, teacher reference

Format: 174-page full-color paperback book

Content Description: A basic text on ecology designed for high school and conservation youth audience. Covers topics and identification of environmental elements, energy, material, and biogeochemical cycles. Tested in classrooms two years prior to printing. 1979.

Concept: geography of agriculture, major policy issues

Price: for sale only. Write to Superintendent of Documents

Order from: Superintendent of Documents
Government Printing Office
Washington, D.C. 20402

Title: **VISITING PEOPLE ON A DAIRY FARM**

Publisher/ Producer: **U.S. Department of Agriculture**

Grade Level: 1–3, 4–6

Format: 16-page booklet with teacher's guide available

Content Description: Explains work division on the Schwartzbeck dairy farm as well as what buildings and machinery are necessary. Gives basic facts about cows, the crops, and milk. 1981.

Concept: economics of agriculture, careers

Price: free, 30 per teacher

Order from: Special Programs Center, OGPA
Room 535 A,
U.S. Department of Agriculture
Independence Avenue and 14th Street
Washington, D.C. 20250

Title: **VISITING PEOPLE ON A DAIRY FARM: TEACHER'S GUIDE**

Publisher/ Producer: **U.S. Department of Agriculture**

Grade Level: teacher reference

Format: eight-page teacher's guide to a 16-page booklet

Content Description: Contains seven lessons that suggest objectives, classroom questions and answers, and class activities. 1981.

Concept: agriculture and technology, economics of agriculture, careers

Price: free, one per teacher

Order from: Special Programs Center, OGPA
Room 535 A,
U.S. Department of Agriculture
Independence Avenue and 14th Street
Washington, D.C. 20250

Title: **WATER: THE BASIS OF LIFE**

Publisher/ Producer: **Soil Conservation Society of America**

Grade Level: 4-6, 7-9

Format: 16-page cartoon booklet and 4-page teacher's guide. Printed in full color on newsprint.

Content Description: Explains the importance of water to plant and animal life and its uses by industry, agriculture, and rural and urban citizens. Explores nature's water cycle, including groundwater and surface water and how to protect and conserve this valuable resource. 1980.

Concept: major policy issues

Price: booklets—75 cents each, discounts by quantity; teacher's guides—50 cents each, discounts by quantity

Order from: Soil Conservation Society of America
7515 N.E. Ankeny Road
Ankeny, Iowa 50021-9764

Title: **WHAT GROWS ON ILLINOIS FARMS**

Publisher/ Producer: **Illinois Farm Bureau**

Grade Level: preschool/kindergarten, 1-3

Format: 24-page coloring book

Content Description: Teaches what products are grown in Illinois and what foods come from those products. 1980.

Concept: the geography of agriculture

Price: one or two copies free; package of 50, $5.10

Order from: Illinois Farm Bureau
1701 Towanda Avenue
Bloomington, Illinois 61701

Title: **WHAT HAPPENED TO OLD MACDONALD'S FARM**

Publisher/ Producer: **Oregon Women for Agriculture**

Grade Level: preschool/kindergarten, 1-3, 4-6

Format: 16-page activity/colorbook

Content Description: Through pictures, puzzles, word finds, a maze, and a math problem compares yesterday's nostalgic "Old MacDonald's Farm" with today's modern farm. Emphasis is on Oregon; could easily be adapted to other States.

Concept: geography of agriculture, agriculture and technology, economics of agriculture, agriculture and the world, careers. 1982 third printing.

Price: 25 cents per copy

Order from: Oregon Women for Agriculture
1349 Capital Street
Salem, Oregon 97301

Title: **WHAT IS A WATERSHED**

Publisher/ Producer: **U.S. Department of Agriculture, Soil Conservation Service**

Grade Level: 7-9, 10-12

Format: six-panel leaflet

Content Description: Defines a watershed and how watersheds can be protected. 1974.

Concept: agriculture and technology

Price: single copy free

Order from: USDA-SCS
Room 0054
P.O. Box 2890
Washington, D.C. 20013

Title: **WHAT'S TO EAT? AND OTHER QUESTIONS KIDS ASK ABOUT FOOD**

Publisher/ Producer: **U.S. Department of Agriculture**

Grade Level: 4-6, 7-9

Format: 142-page book

Content Description: Covers the history of agriculture, how food gets from the farm to the table, what and how people eat around the world, food in the future, gardening, nutrition, smart shopping. 1979.

Concept: agriculture and history, agriculture and technology, economics of agriculture, agriculture and the world, major policy issues

Price: for sale only

Order from: Superintendent of Documents
Government Printing Office
Washington, D.C. 20402

Title: **WHAT WE GET FROM TREES**

Publisher/ Producer: **USDA-Forest Service**

Grade Level: 1-3, 4-6, 7-9, 10-12, teacher reference

Format: full-color poster

Content Description: Diagrams the variety of tree products in relation to their part in the makeup of a tree. Contains pictures and graphs. 1978.

Concept: economics of agriculture

Price: one copy free

Order from: Forest Service, USDA
P. O. Box 2417
Washington, D.C. 20013

Title: **WHERE THE GROCERY DOLLAR GOES**

Publisher/ Producer: **Illinois Farm Bureau**

Grade Level: 10-12, teacher reference

Format: six-panel brochure

Content Description: Teaches how money is spent on food purchases. Presents information on how value is added to food as it travels through middlemen to reach the consumer. 1982.

Concept: the economics of agriculture

Price: one or two copies free; package of 50, $1.99

Order from: Illinois Farm Bureau
1701 Towanda Avenue
Bloomington, Illinois 61701

Title: WHO GETS YOUR FOOD DOLLAR

Publisher/ Producer: American Farm Bureau Federation

Grade Level: 7-9, 10-12, teacher reference

Format: six-panel brochure

Content Description: Focuses on food items from the basic four food groups and shows the breakdown in the retail prices of the items into farm value, processing, transportation, and wholesaling and retailing costs. 1981.

Concept: the economics of agriculture

Price: 1-499, 10 cents each; 500-999, 9 cents each; 1,000 or more, 8 cents each.

Order from: Information Division
American Farm Bureau Federation
225 Touhy Avenue
Park Ridge, Illinois 60068

Title: WISCONSIN AGRICULTURE

Publisher/ Producer: Wisconsin Agri-Business Council, Inc. and Wisconsin Women for Agriculture

Grade Level: 4-6

Format: state map

Content Description: Designed for children to fill in crops grown in State of Wisconsin. Gives Wisconsin's rank in U.S. production per crop. 1981.

Concept: the geography of agriculture

Price: free

Order from: Wisconsin Women for Agriculture
Route 1
Cato, Wisconsin 54206

Title: WONDERFUL WORLD OF BLUEBERRIES

Publisher/ Producer: North American Blueberry Council

Grade Level: 4-6, 7-9, teacher reference

Format: seven-page booklet

Content Description: Tells the history of blueberries, where they are grown, why they grow only in specific areas, and when they are available on the market. 1980.

Concept: agriculture and history, the geography of agriculture

Price: free when ordered through a school (limit, 25; enclose 25 cents for postage)

Order from: North American Blueberry Council
P.O. Box 166
Marmora, New Jersey 08223

Title: WORKING TOGETHER FOR A LIVABLE LAND

Publisher/ Producer: Soil Conservation Society of America

Grade Level: 4-6, 7-9

Format: 16-page cartoon booklet and 4-page teacher's guide. Printed in full color on newsprint

Content Description: Concentrates on the declining of the environment and shows how citizens can work together as a community to create more desirable working and living conditions. 1971.

Concept: major policy issues

Price: booklets—75 cents each, discounts by quantity; teacher's guides—50 cents each, discounts by quantity

Order from: Soil Conservation Society of America
7515 N.E. Ankeny Road
Ankeny, Iowa 50021-97648

Audiovisuals and Kits

Title: **AGRI FUTURE**

Publisher/ Producer: **White Farm Equipment Company**

Grade Level: 10–12, teacher reference

Format: film (15 minutes)

Content Description: Looks at what agriculture will be like in the 21st century. 1978.

Concept: agriculture and history, agriculture and technology, major policy issues

Price: free loan for 1 week

Order from: White Farm Equipment Company
Attention: Advertising Department
2625 Butterfield Road
Oak Brook, Illinois 60521

Title: **AGRICULTURE IN IOWA**

Publisher/ Producer: **Iowa State University, Iowa Department of Agriculture, Iowa Farm Bureau, Iowa Development Commission, Iowa Beef Industry Council, Iowa Pork Producers, Iowa Egg Council, Iowa Turkey Federation, Dairy Council of Iowa, Iowa Corn Promotion Board, Iowa Soybean Association**

Grade Level: 4–6

Format: teacher's resource unit: pre/post test; objectives and teacher information; suggested activities and masters; resource listing of materials, people, and field trip suggestions; "The Great American Farm"

Content Description: Helps students: realize the role of agriculture/agribusiness in the economy of Iowa, become familiar with the crops and livestock commonly grown in Iowa and the different occupations and careers within the field of agriculture, and learn to appreciate the significance of agriculture, food, and food production. 1982.

Concept: agriculture and history, the geography of agriculture, agriculture and technology, the economics of agriculture, agriculture and the world, careers

Price: one free copy to each school in Iowa. Additional or out-of-State copies, $5.00

Order from: Rural Programs Specialist
Iowa Department of Agriculture
Wallace Building
Des Moines, Iowa 50319

Title: **AGRI-LEARN**

Publisher/ Producer: **Agri-Learn Unlimited**

Grade Level: 4–8

Format: 64-page teacher's guide, activity sheets, posters

Content Description: Shows what agriculture does for you; who farmers are; types of farms; products and tasks; route of food from farm to you; life on farms; careers; field trips. 1982.

Concept: agriculture and technology, the economics of agriculture

Price: $10.00

Order from: Agri-Learn Unlimited
Box 127
New Park, Pennsylvania 17352

Title: ALPHASCAPE

Publisher/ Producer: Conserve Nebraska Foundation

Grade Level: 7-9, 10-12

Format: a natural resources simulation game—contains teacher manual, 30 student booklets, 16 transparencies, 8 film strips and cassette tapes, 8-year plan cards, and living conditions tokens

Content Description: Increases understanding of natural resources, the environment, and the many decisions that must be made concerning the proper conservation of these resources. 1980.

Concept: major policy issues

Price: $65.00

Order from: Conserve Nebraska Foundation
P.O. Box 81310
Lincoln, Nebraska 68501

Title: THE AMERICAN FARMER

Publisher/ Producer: Du Pont Company

Grade Level: preschool/kindergarten, 1-3, 4-6, 7-9, 10-12, teacher reference

Format: 16-mm movie

Content Description: Tells history of farming in America with facts on why U.S. agriculture is the most productive in the world. 1982.

Concept: agriculture and history, agriculture and technology, agriculture and the world

Price: free

Order from: John R. Harvey, Public Affairs Department
Du Pont Company
1007 Market Street
Wilmington, Delaware 19898

Title: AMERICAN SPICE TRADE ASSOCIATION'S COLOR SLIDE PRESENTATION

Publisher/ Producer: American Spice Trade Association

Grade Level: 4-6, 7-9, 10-12, teacher reference

Format: 45 slides in Kodak Carousel drum, audio cassette, and printed script

Content Description: Presents scenes from the history of spices; views of growing and production overseas and in the United States; and tips on using, handling, and storing. 1977.

Concept: agriculture and history, agriculture and the world

Price: $25.00 postpaid

Order from: American Spice Trade Association InformationBureau
350 Fifth Avenue
New York, New York 10118

Title: AMERICA'S GRAIN GOES TO MARKET

Publisher/ Producer: Communications and Education Group for Pioneer Hi-Bred International, Inc.

Grade Level: 10-12, teacher reference

Format: teacher's guide, eight spirit masters, two 12-frame film strips

Content Description: Describes our country's grain transportation problems and cites several creative solutions. 1981.

Concept: agriculture and history, the geography of agriculture, agriculture and technology, the economics of agriculture, agriculture and the world, major policy issues

Price: free

Order from: Pioneer Hi-Bred International, Inc.
1206 Mulberry Street
Des Moines, Iowa 50308

Title: **AND ONE TO GROW ON**

Publisher/ Producer: **The Fertilizer Institute**

Grade Level: 10–12, teacher reference

Format: film (18 minutes)

Content Description: Explains role of fertilizer in our Nation and the world. Meant for general audience viewing, describes the story of modern fertilizer. 1979.

Concept: agriculture and history, the geography of agriculture, agriculture and technology, agriculture and the world

Price: to purchase—$150.00; to rent—$15.00

Order from: The Fertilizer Institute
1015 18th Street, N.W.
Washington, D.C. 20036

Title: **ANIMAL WELFARE: THE FARMER'S STORY**

Publisher/ Producer: **American Farm Bureau Federation**

Grade Level: 7–9, 10–12, teachers reference

Format: 16-mm film or 3/4-inch video cassette (26 minutes)

Content Description: Family farming and the way farm animals are raised have changed significantly in the past 25 years. This documentary focuses on the changes in management practices and the reasons for them. Producers and other experts in livestock industry explain the reasons for modern methods in animal production and care.

Concept: agriculture and history, the geography of agriculture, agriculture and technology, the economics of agriculture, major policy issues

Price: 16-mm film
to purchase—$150.00; to rent—$25/week plus postage
video cassette
to purchase—$50.00; to rent—$10/week plus postage

Order from: Broadcast Services
American Farm Bureau Federation
225 Touhy Avenue
Park Ridge, Illinois 60068

Title: **THE BATTLE OF WESTLANDS**

Publisher/ Producer: **Sandra Nichols & Carol Monpere**

Grade Level: 10–12

Format: video cassette—3/4-inch "U," 1/2-inch Betamax, or 1/2-inch VHS (60 minutes)

Content Description: Presents the conflict between agribusiness corporations and small farmers. Describes the issues that may change farming in the California Central Valley and in the entire United States. 1980.

Concept: the economics of agriculture, major policy issues

Price: to purchase—$225.00; to rent (one week, on 3/4-inch "U" only) $70.00

Order from: PBS Video
475 L'Enfant Plaza, S.W.
Washington, D.C. 20024

Title: **CAPPER-VOLSTEAD—A LEGISLATIVE FOUNDATION FOR AGRICULTURAL COOPERATIVES**

Publisher/ Producer: **American Institute of Cooperation**

Grade Level: 10–12

Format: 16-mm film-o-graph (10 minutes)

Content Description: Explains the historic role and significance of the Capper-Volstead Act, called the Magna Charta of agricultural cooperatives. Covers the agricultural history that leads to the enactment of Capper-Volstead and tells how marketing cooperatives operate today under the Act's provisions.

Concept: agriculture and history, the economics of agriculture

Price: free loan where local source is available (contact American Institute of Cooperation for information); to purchase, 125.00

Order from: American Institute of Cooperation
1800 Massachusetts Avenue, N.W., Suite 508
Washington, D.C. 20036

Title: **CAREERS IN AGRICULTURE**

Publisher/ Producer: **Pathescope Educational Media, Inc./The Associated Press**

Grade Level: 7-9, 10-12, teacher reference

Format: two 35-mm filmstrips with accompanying cassettes and 16-page teacher's manual (Part 1—12:17 minutes, 81 frames; Part 2—12:57 minutes, 79 frames)

Content Description: Depicts the many varied career opportunities available within the agriculture field. Describes, through interviews with people working in these areas, the advantages, disadvantages, educational requirements, and necessary aptitudes. 1973.

Concept: careers

Price: $65.00 per set plus shipping and handling charges

Order from: Pathescope Educational Media, Inc.
71 Weyman Avenue, P.O. Box 719
New Rochelle, New York 10802-0719

Title: **CITRUS GROWER**

Publisher/ Producer: **Changing Times Education Service, a division of EMC Publishing**

Grade Level: 1-3

Format: 36-page booklet; accompanying read-along cassette is also available

Content Description: Explains the life and work of a citrus grower. 1974.

Concept: careers

Price: booklet, $2.25; cassette, $9.00

Order from: Changing Times Education Service
300 York Avenue
St. Paul, Minnesota 55101

Title: **COAL, CORN, AND COWS**

Publisher/ Producer: **Hawkhill Associates, Inc.**

Grade Level: 7-9, 10-12

Format: one filmstrip, one cassette, one guide

Content Description: Explores the conflict between strip coal mining and prairie soil farming in central Illinois. 1977.

Concept: agriculture and history, geography of agriculture, agriculture and technology, economics of agriculture, major policy issues

Price: $39.00

Order from: Hawkhill Associates, Inc.
125 E. Gilman Steet
Madison, Wisconsin 53703

Title: **COOPERATIVES—THE FARMER'S WAY**

Publisher/ Producer: **American Institute of Cooperation, Agricultural Cooperative Service—United States Department of Agriculture**

Grade Level: 10-12

Format: 16-mm film (24 minutes)

Content Description: Tells what cooperatives are and why farmers need them to survive the ups and downs of the American marketplace. Covers organizational procedures of a cooperative and discusses what makes cooperatives unique from other corporations. Also touches on a full range of cooperative activity from banking to electricity to insurance. 1977.

Concept: the economics of agriculture

Price: free loan where local source is available (contact American Institute of Cooperation for information); to purchase, $150.00

Order from: American Institute of Cooperation
1800 Massachusetts Avenue, N.W., Suite 508
Washington, D.C. 20036

Title: **A COWHAND'S SONG: CRISIS ON THE RANGE**

Publisher/ Producer: **Gwendolyn Clancy, Nancy Kelly**

Grade Level: 4-6, 7-9, 10-12

Format: 16-mm film (28-1/2 minutes)

Content Description: Explores the realities of ranching. Presents the daily life of family ranchers in Northern California and Nevada who run their cattle on the public rangelands. Shows that it's a hard life, a constant struggle against the elements—environmental and social.

Concept: agriculture and history, geography of agriculture, agriculture and technology, economics of agriculture, careers, major policy issues

Price: to purchase—16-mm, $500.00; 3/4-inch video, $375.00. to rent—$50.00

Order from: New Front Films
1408 Willow Street, Suite 505
Minneapolis, Minnesota 55403

Title: **THE DELICATE BALANCE**

Publisher/ Producer: **National Food and Energy Council**

Grade Level: 4-6, 7-9, 10-12, teacher reference for general audiences

Format: 79 slides with audio tape (13 minutes)

Content Description: Explains the "delicate balance" between food and energy supplies. Calls attention to the vital need for adequate energy to support food production, processing, distribution, and end-use by the Nation's consumers. 1981.

Concept: agriculture and technology, agriculture and the world, major policy issues

Price: educational price—$55.00 (not available for review)

Order from: National Food and Energy Council
409 Vandiver West, Suite 202
Columbia, Missouri 65202

Title: **THE ENDLESS HARVEST**

Publisher/ Producer: **Food Marketing Institute**

Grade Level: 4-6, 7-9, 10-12

Format: 16-mm film (27 1/2 minutes)

Content Description: Tells the complete story of food from field to table, describing many of the less-than-visible "middleman" functions necessary to bring food to the American consumer. Helps bridge the understanding gaps between industry and consumer and between industry sectors. 1976.

Concept: agriculture and history, the geography of agriculture, agriculture and technology, the economics of agriculture, agriculture and the world

Price: to purchase—$350.00; for 2-day rental—$40.00

Order from: Food Marketing Institute
1750 K Street N.W.
Washington, D.C. 20006

Title: **THE FABULOUS FOOD MACHINE**

Publisher/ Producer: **Illinois Farm Bureau**

Grade Level: 1-3, 4-6

Format: filmstrip and audio cassette with activity masters, discussion tips, and ideas for student projects. (15 minutes)

Content Description: Teaches the important concept that all food originates on the farm. Shows children how each of us is dependent on the farmer for daily needs. 1977.

Concept: the geography of agriculture

Price: $35.00

Order from: Illinois Farm Bureau
1701 Towanda Avenue
Bloomington, Illinois 61701

Title: **FARM-IN-THE-ZOO TEACHING RESOURCE GUIDE**

Publisher/ Producer: **Illinois Farm Bureau**

Grade Level: 1-3, 4-6

Format: 96-page teacher's guide in three-ring binder form, 20 slides, audio cassette

Content Description: Gives information about Chicago's Lincoln Park Farm in the Zoo. Covers products grown in Illinois, facts about livestock and livestock production, exports, and why agriculture is our Nation's largest industry. 1980.

Concept: agriculture and history, geography of agriculture, agriculture and technology

Price: approximately $10.00

Order from: Illinois Farm Bureau
1701 Towanda Avenue
Bloomington, Illinois 61701

Title: **THE FARMING GAME**

Publisher/ Producer: **The Weekend Farmer Company**

Grade Level: 4-6, 7-9, 10-12

Format: Board game and available on 5-1/4 inch floppy disc for Radio Shack, Apple, and IBM computers

Content Description: Shows the agricultural economy in miniature. Students experience first-hand basic business procedures as they attempt to manage individual farms. Playable independently by 5th graders. Simple overlays make it quite rigorous for high school seniors. 1982 (4th edition).

Concept: economics of agriculture, major policy issues

Price: board game—$16.95 postage paid, $15.95 each for more than one; computer version—$29.95 postage paid, $24.95 each for more than one

Order from: Weekend Farmer Company
P.0. Box 896
Goldendale, Washington 98620

Title: **FOOD CHAINS/CHEMICAL CYCLES IN BIOSPHERE**

Publisher/ Producer: **Hawkhill Associates, Inc.**

Grade Level: 7-9, 10-12

Format: 2 filmstrips, 2 cassettes, 2 guides (33 minutes)

Content Description: Explains the basic cycling of materials and energy on earth. 1980.

Concept: agriculture and technology, agriculture and the world, major policy issues

Price: $72.00

Order from: Hawkhill Assoc., Inc.
125 E. Gilman Street
Madison, Wisconsin 53703

Title: **FOOD, ENERGY, AND YOUR FUTURE**

Publisher/ Producer: **National Food and Energy Council**

Grade Level: 7-9, 10-12, teacher reference

Format: Twelve self-contained instructional units in three-ring binder notebook; 65 plates for transparencies

Content Description: Discusses the many critical interrelationships between future food and future energy supplies. 1982.

Concept: agriculture and technology, agriculture and the world, major policy issues

Price: $15.00/teacher's kit/guide

Order from: National Food and Energy Council, Inc.
409 Vandiver West, Suite 202
Columbia, Missouri 65202

Title: **FOOD FOR AMERICA**

Publisher/ Producer: **Future Farmers of America**

Grade Level: preschool/kindergarten, 1-3, 4-6

Format: 16-mm or 8-mm film (4 1/2 minutes)

Content Description: Depicts an FFA chapter showing an elementary class how a cheeseburger is produced. Shows how farmers produce grain, meat, dairy products, tomatoes, and pickles used to make a tasty cheeseburger. Also presents a glimpse of food processing, packaging, and the many agribusinesses behind modern food production.

Concept: the geography of agriculture, the economics of agriculture

Price: $40.00; free loan distribution on limited prints

Order from: to purchase—
National FFA Supply Service
Box 15160
Alexandria, Virginia 22309
to borrow—
Venard Films Ltd.
Box 1332
Peoria, Illinois 61654

Title: **FOOD FOR AMERICA: CENTURY 1-2-3**

Publisher/ Producer: **Food Marketing Institute**

Grade Level: 10-12

Format: 35-mm color slide/audio cassette presentation (25 minutes)

Content Description: Tells the history of the American food system. 1976.

Concept: agriculture and history

Price: to purchase—$125.00; for 2-day rental—$40.00

Order from: Food Marketing Institute
1750 K Street, N.W.
Washington, D.C. 20006

Title: **FOOD FOR AMERICA—FFA TELLS THE STORY**

Publisher/ Producer: **Future Farmers of America**

Grade Level: preschool/kindergarten, 1-3, 4-6

Format: FAA member guide, teacher information brochure, student poster, K-3 activity resource book, activity resource guide

Content Description: Provides materials and ideas to help FFA members tell elementary students the story behind the bountiful stocks of food and agricultural products on the market shelf. 1980, 1981.

Concept: the geography of agriculture, the economics of agriculture

Price: first kit free, additional kits $3.25 each

Order from: Future Farmers of America
National FFA Center, P.O. Box 15160
Alexandria, Virginia 22309

Title: **FOOD FROM FARM TO YOU**

Publisher/ Producer: **Future Farmers of America**

Grade Level: preschool/kindergarten, 1-3, 4-6

Format: 16-mm film (15 minutes)

Content Description: Tells the story of food production and distribution in language that elementary school students understand and enjoy.

Concept: the geography of agriculture, the economics of agriculture

Price: free distribution on limited prints

Order from: Grange-Farm Film Foundation
1616 H Street, N.W.
Washington, D.C. 20006

Title: **FOOD PRICES TOO HIGH? COMPARED TO WHAT**

Publisher/ Producer: **White Farm Equipment Company**

Grade Level: 10-12, teacher reference

Format: Film (30 minutes)

Content Description: Gives justification for the current price of food as related to farmer's costs of production and the necessary distribution system. 1973.

Concept: the economics of agriculture, major policy issues

Price: free loan for 1 week

Order from: White Farm Equipment Company
Attn: Advertising Department
2625 Butterfield Road
Oak Brook, Illinois 60521

Title: **FOOD WAYS**

Publisher/ Producer: **Hawkhill Associates, Inc.**

Grade Level: 4-6, 7-9, 10-12

Format: Series of six sound-filmstrips or video cassettes (approximately 15 minutes each)

Content Description: Portrays the history, folklore, commercial production, health value, and economic value of: Beekeeping, Cheese Making, Fish Farming, Wild Rice, Cranberrying, and Wisconsin Sugar Bush. Each program is independent of the others. 1980.

Concept: agriculture and history, careers

Price: $234.00 ($39.00 singly)

Order from: Hawkhill Assoc., Inc.
125 E. Gilman Street
Madison, Wisconsin 53703

Title: **FRESH COUNTRY APPLES**

Publisher/ Producer: **Washington State Apple Commission**

Grade Level: not given

Format: 16-mm film (17 minutes)

Content Description: Shows the apple valleys of Washington State and the modern methods of growing and marketing Washington State apples.

Concept: the geography of agriculture, agriculture and technology

Price: free loan

Order from: Washington State Apple Commission
P.O. Box 18
Wenatchee, Washington 98801

Title: FRUCTOSE INFORMATION KIT

Publisher/ Producer: Nebraska Corn Board

Grade Level: 7-9, 10-12, teacher reference

Format: three samples liquid fructose, one packet granulated fructose, one corn placemat, three The Corn Crib cookbooks, one booklet of entry blanks for fructose contest, one unit of instruction, one fructose poster, informational letter

Content Description: gives information about fructose—what it is, how to use it in place of sugar, health benefits, and economic benefits. 1981-82.

Concept: the economics of agriculture

Price: free

Order from: Nebraska Corn Board
301 Centennial Mall South, P.O. Box 95107
Lincoln, Nebraska 68509

Title: GENERATIONS OF THE LAND

Publisher/ Producer: Farmbank Services

Grade Level: 4-6, 7-9, 10-12, teacher reference

Format: film

Content Description: Portrays the depth and breadth of America's No. 1 industry—agriculture. Traces the development of U.S. agriculture and describes the challenges facing today's farmers as their operations change from labor-intensive to capital-intensive.

Concept: agriculture and history

Price: free

Order from: Farmbank Services—Communications Services
P.O. Box 39088
Denver, Colorado 80239

Title: THE GIANT MOBILE

Publisher/ Producer: The Fertilizer Institute

Grade Level: 4-6, 7-9, teacher reference

Format: film (13 minutes)

Content Description: Teaches the value of the farmer as a food producer and environmentalist. 1973.

Concept: agriculture and history

Price: to purchase—$125.00; to rent—$15.00

Order from: The Fertilizer Institute
1015 18th Street, N.W.
Washington, D.C. 20036

Title: A GIFT OF HARVEST

Publisher/ Producer: National Agricultural Chemicals Association

Grade Level: 10-12

Format: 16-mm film or 3/4-inch video cassette (22 minutes)

Content Description: Describes the role of agricultural chemicals in the production of today's food supply. 1981.

Concept: agriculture and history, agriculture and technology, the economics of agriculture, agriculture and the world, major policy issues

Price: film—$350.00; cassette—$50.00 (qualified individuals and groups, such as educators, may borrow the film on a short-term loan basis)

Order from: Paluszek and Leslie Associates
1625 Eye Street, N.W.
Suite 501
Washington, D.C. 20006

Title: **GREAT AMERICAN FARM**

Publisher/ Producer: **U.S. Department of Agriculture**

Grade Level: 4-6

Format: Education kit including teacher's guide, wall chart, and four spirit masters of student activity sheets. Each spirit master makes 200 student copies.

Content Description: Tells about the basic economics of agriculture and the place of the farmer in the U.S. economy including where food comes from and the costs of raising food. 1976.

Concept: geography of agriculture, agriculture and technology, economics of agriculture

Price: free; one copy per teacher

Order from: Great American Farm
Box 385
Vandalia, Ohio 45377

Title: **THE GREAT GREEN KERNELS AND KOBS**

Publisher/ Producer: **Oregon Women for Agriculture**

Grade Level: 4-6, 7-9, 10-12

Format: film strips and tape cassettes (12-15 minutes)

Content Description: Presents facts about corn and beans, from ground preparation to sales and consumer.1981

Concept: agriculture and history, geography of agriculture, agriculture and technology, economics of agriculture

Price: $5.50

Order from: Yamhill County Women for Agriculture
P.O. Box 101
Dayton, Oregon 97114
Attn: Dorothy Schutz

Title: **GREEN LIGHT FOR GRAIN**

Publisher/ Producer: **Wm. J. Schwartz & Associates, Inc.**

Grade Level: 10-12, teacher reference

Format: 16-mm. film (28 minutes)

Content Description: Details factors that have led to current grain transportation problems and shows the innovations employed by four shippers to alleviate their problems. Narrated by Hugh Downs. 1981.

Concept: the economics of agriculture

Price: free loan; user pays return postage

Order from: Modern Talking Picture Service
5000 Park Street North
St. Petersburg, Florida 33709

Title: **GROWING ENERGY**

Publisher/ Producer: **The Fertilizer Institute**

Grade Level: 10-12, teacher reference

Format: film (16 1/2 minutes)

Content Description: Tells the basic story of plant nutrition and fertilizer use as an essential part of the farmer's job in producing food energy. 1976.

Concept: agriculture and history, agriculture and technology

Price: to purchase—$150.00; to rent—$15.00

Order from: The Fertilizer Institute
1015 18th Street, N.W.
Washington, D.C. 20036

Title: HOW PEOPLE DO BUSINESS IN OUR COMMUNITY

Publisher/ Producer: American Institute of Cooperation

Grade Level: 10–12

Format: 16-mm film (17 minutes)

Content Description: Tells the story of the American business system. Reviews each type of business and discusses its similarities and differences. Emphasizes agricultural cooperatives and their role in the American economy. 1975.

Concept: the economics of agriculture

Price: free loan where local source is available (contact American Institute of Cooperation for information); to purchase $150.00

Order from: American Institute of Cooperation
1800 Massachusetts Avenue, N.W.,
Suite 508
Washington, D.C. 20036

Title: IMAGINATION WITH APPLES

Publisher/ Producer: New York & New England Apple Institute, Inc.

Grade Level: preschool/kindergarten, 1–3

Format: teacher's kit containing 11 different items including coloring poster and sheet, apple seeds, apple playball, iron-on, Johnny Appleseed folder, information about apples

Content Description: Provides information on the historical background of apples, crop production, and composition and nutritive value of fresh apples. 1982.

Concept: agriculture and history, the geography of agriculture

Price: $3.50

Order from: New York & New England Apple Institute
Box 768
Westfield, Massachusetts 01086

Title: THE INCREDIBLE EDIBLE EGG MULTI-MEDIA EDUCATIONAL KIT

Publisher/ Producer: American Egg Board

Grade Level: 7–9

Format: 80-frame filmstrip, audio cassette, filmstrip script, teacher's guide with 12 spirit masters, two egg posters, additional egg recipes

Content Description: Covers everything from egg production through egg nutrition and egg cooking. Primarily designed for high school home economics classes but is also suitable for general consumer education programs. 1978.

Concept: agriculture and technology

Price: $10.00 per kit (for current supply)

Order from: The Incredible Edible Egg
c/o American Egg Board
1460 Renaissance Drive
Park Ridge, Illinois 60068

Title: THE INCREDIBLE EDIBLE OUT-OF-THIS-WORLD EGG MULTI-MEDIA EDUCATIONAL KIT

Publisher/ Producer: American Egg Board

Grade Level: 3–6

Format: 50-frame filmstrip, audio cassette, filmstrip script, teacher's guide with eight spirit masters, spirit master on Easter egg traditions, two egg posters, 25 "Kids in the Kitchen" leaflets

Content Description: Has a space-aged theme and covers the nutritional value, production, processing, and cooking of eggs. 1979.

Concept: agriculture and technology

Price: $10.00 per kit (for current supply)

Order from: The Incredible Edible Out-of-This-World Egg
c/o American Egg Board
1460 Renaissance Drive
Park Ridge, Illinois 60068

Title: **IN THE MATTER OF FOOD**

Publisher/ Producer: **National Agricultural Chemicals Association**

Grade Level: 10–12

Format: sound slide presentation (10–12 minutes) plus a teacher's discussion guide/poster

Content Description: Serves as a complementary teaching aid to the film "A Gift of Harvest" but may be used separately as well. 1981.

Concept: agriculture and history, agriculture and technology, the economics of agriculture, agriculture and the world, major policy issues

Price: $50.00; additional discussion guides, $5.00 each

Order from: Paluszek and Leslie Associates
1625 Eye Street, N.W.
Suite 501
Washington, D.C. 20006

Title: **IOWA PORK—PROJECT 4-5-6**

Publisher/ Producer: **Iowa Pork Producer's Association**

Grade Level: 4–6, 7–9

Format: Educational kit containing teachers' guide, worksheets, and brochures

Content Description: Includes materials on: Iowa pork facts, pork nutrition, pork cuts, pork recipes, pork byproducts. 1982.

Concept: agriculture and history, agriculture and technology, agriculture and the world

Price: $3.00

Order from: Iowa Pork Producers Association
State Fairgrounds
Des Moines, Iowa 50319

Title: **LAND**

Publisher/ Producer: **American Enterprise Film Series**

Grade Level: 7–9, 10–12, teacher reference

Format: 16—mm film or 3/4—inch video cassettes (28 minutes)

Content Description: One of a series of five films that provides rationale for why the American economy is so successful. 1976.

Concept: agriculture and history, the geography of agriculture, agriculture and the world, careers, major policy issues

Price: free loan

Order from: Modern Talking Pictures
5000 Park Street North
St. Petersburg, Florida 33709

Title: **LEGEND OF JOHNNY APPLESEED**

Publisher/ Producer: **Walt Disney Productions**

Grade Level: 1–3, 4–6

Format: 16-mm film

Content Description: Tells the history and legend of Johnny Appleseed.

Concept: agriculture and history, the geography of agriculture, agriculture and technology

Price: free loan

Order from: New York & New England Apple Institute, Inc.
Box 768
Westfield, Massachusetts 01086

Title: **MAKING THE MOST OF A MIRACLE**

Publisher/ Producer: **The Fertilizer Institute**

Grade Level: 10–12, teacher reference

Format: film (27 minutes)

Content Description: Tells the basic story of plant nutrition. Makes use of time-lapse photography and colorful animation. 1965.

Concept: agriculture and history, agriculture and technology

Price: to purchase—$200.00; to rent—$15.00

Order from: The Fertilizer Institute
1015 18th Street, N.W.
Washington, D.C. 20036

Title: **THE MEAT GROUP**

Publisher/ Producer: **Mar Lin Chapter of Wisconsin Women for Agriculture**

Grade Level: 4–6

Format: slides-tape with accompanying sound

Content Description: Describes today's animal agriculture technology and nutrition pertaining to meat as a basic food group. 1981.

Concept: agriculture and technology

Price: to purchase—$250.00; to rent—$25.00 (1 week)

Order from: Mar Lin Wisconsin Women for Agriculture
Route 3
Merrill, Wisconsin 54165

Title: **MIGRANT HERITAGE STUDIES KIT**

Publisher/ Producer: **BOCES Geneseo Migrant Center**

Grade Level: 4–6, 7–9, 10–12, teacher reference

Format: multimedia kit: four slide tape stories, photographs, books, pamphlets, simulation games, teacher's guide

Content Description: Teaches about the lives of migrant farm workers in general and specifically about three ethnic groups in the migrant stream: Afro-Americans, Algonquin Indians, and Mexican Americans. 1976.

Concept: economics of agriculture, major policy issues

Price: $50.00 handling charge. Available on 2-month loan on a limited basis since only 10 kits are available

Order from: Dr. Gloria Mattera
BOCES Geneseo Migrant Center
Geneseo, New York 14454

Title: **MILK FROM COW TO YOU**

Publisher/ Producer: **National Dairy Council**

Grade Level: 4–6, 7–9, teacher reference

Format: kit containing poster, 30 handouts, and 4-page teacher/leader guide

Content Description: Highlights the important steps in the production, processing, and delivery that protect the high quality, safety, and good flavor of milk from cow to you. 1982.

Concept: agriculture and technology

Price: $10.00

Order from: Local Dairy Council or National Dairy Council (if not served by a local Dairy Council)
6300 N. River Road
Rosemont, Illinois 60018

Title: **MILK IN THE COMPUTER AGE**

Publisher/ Producer: **Dairy Council of Colorado, Inc./National Dairy Council**

Grade Level: 1-3, 4-6, teacher reference

Format: 16-mm film (14-1/2 minutes) plus teacher's guide

Content Description: Shows school children on a field trip being introduced to modern dairying and to the processing of dairy products. 1982.

Concept: agriculture and technology, careers

Price: $130.00

Order from: Local Dairy Council or National Dairy Council (if not served by a local Dairy Council)
6300 N. River Road
Rosemont, Illinois 60018

Title: **MIRACLE OF APPLES**

Publisher/ Producer: **W. O'Connor Co. and Ott Productions, Inc.**

Grade Level: 1-3, 4-6

Format: 16-mm film

Content Description: Tells how apples grow.

Concept: agriculture and history, the geography of agriculture, agriculture and technology

Price: free loan

Order from: New York & New England Apple Institute, Inc.
Box 768
Westfield, Massachusetts 01086

Title: **MY FAMILY'S FARM**

Publisher/ Producer: **Illinois Farm Bureau**

Grade Level: 1-3, 4-6

Format: video tape (12 minutes)

Content Description: Explains what happens on a modern midwestern farm on a year-round basis from the viewpoint of a young boy. Includes grain farming, livestock production, poultry and egg production, and dairy. 1981.

Concept: the geography of agriculture, agriculture and technology

Price: $30.00

Order from: Illinois Farm Bureau
Information Division
1701 Towanda Avenue
Bloomington, Illinois 61701

Title: **NEBRASKA, TAKE A LOOK AT WHAT WE GROW**

Publisher/ Producer: **Nebraska Department of Agriculture**

Grade Level: 4-6

Format: slide show and tape set (20 minutes)

Content Description: Discusses each of the Nebraska-grown agriculture products, where they are grown, and how they directly (or indirectly) fit into the diet. Designed to be used with 4th grade study on Nebraska History. 1982.

Concept: the geography of agriculture, agriculture and technology, the economics of agriculture, agriculture and the world

Price: Nebraska educators—free loan; user pays return postage

Order from: Nebraska Department of Agriculture
P.0. Box 94947
Lincoln, Nebraska 68509

Title: **ODYSSEY: ON THE COWBOY TRAIL**

Publisher/ Producer: **Public Broadcasting Associates**

Grade Level: 10–12

Format: video cassette—3/4-inch "U," 1/2-inch Betamax, or 1/2-inch VHS

Content Description: Examines changing role of American cowboy and looks at today's modern ranch. 1981.

Concept: agriculture and history, careers

Price: to purchase—$200.00; to rent (1 week, on 3/4-inch "U" only) $70.00

Order from: PBS Video
475 L'Enfant Plaza S.W.
Washington, D.C. 20024

Title: **OUTDOOR CLASSROOMS. . . WHERE DO WE GO FROM HERE**

Publisher/ Producer: **National Conservation Education Association**

Grade Level: teacher reference

Format: Slide/tape show with 80 slides and cassette (17 minutes)

Content Description: Gives practical advice on the value of outdoor classrooms on school sites to teach all subjects, including wise use of our natural resources. Tells how to plan and use them. 1977.

Concept: major policy issues

Price: $25.00

Order from: National Conservation Education Association
University of Wisconsin-Green Bay
Green Bay, Wisconsin 54302

Title: **THE PEACH STORY**

Publisher/ Producer: **National Council and Rutgers University**

Grade Level: 4–6, 7–9, teacher reference

Format: 80 color slides with synchronized cassette tape and printed text (12 minutes)

Content Description: Begins with a brief history of how peaches came to America. Then shows how trees are produced from nursery stock, planted, pruned, and cared for; how the fruit is thinned and harvested; and how it is handled, packaged, and shipped to markets where it is purchased. Revised 1981.

Concept: agriculture and history, the geography of agriculture, agriculture and the world

Price: free loan

Order from: National Peach Council
P.0. Box 1085
Martinsburg, West Virginia 25401

Title: **PEOPLE ON THE FARM: BROILER GROWERS**

Publisher/ Producer: **U.S. Department of Agriculture, Photography Center**

Grade Level: 7-9, 10-12

Format: 138-frame filmstrip or slide set with cassette soundtrack (17 minutes)

Content Description: Day-old chicks become 3 3/4-pound broilers at the Mississippi farm of Maurice and Ann Layton. Here, corporate management techniques increase food production and spur rural economy. 1978.

Concept: agriculture and technology, economics of agriculture, careers

Price: filmstrip, $21.50; slide set, $20.50

Order from: U.S. Department of Agriculture, Photography Center, Rm. 4407-S 14th & Independence, S.W. Washington, D.C. 20240

Title: **PEOPLE ON THE FARM: CORN AND HOG FARMING**

Publisher/ Producer: **U.S. Department of Agriculture, Photography Center**

Grade Level: 7-9, 10-12

Format: 119-frame filmstrip or slide set with cassette soundtrack (14:28 minutes)

Content Description: The John Miller farm in Iowa raises corn and produces enough pork in a year to fill the needs of 9,000 Americans. Stresses importance of decisionmaking and conservation.1979.

Concept: agriculture and technology, economics of agriculture, careers, major policy issues

Price: filmstrip, $21.50; slide set, $29.50

Order from: U.S. Department of Agriculture, Photography Center, Rm. 4407-S 14th & Independence Avenue, S.W. Washington, D.C. 20250

Title: **PEOPLE ON THE FARM: DAIRYING**

Publisher/ Producer: **U.S. Department of Agriculture, Photography Center**

Grade Level: 7-9, 10-12

Format: 122-frame filmstrip or slide set with cassette soundtrack (18:09 minutes)

Content Description: Modern technology teams with a daily family commitment on a Maryland dairy farm run by Joe and Nona Schwartzbeck and their two sons. 1977.

Concept: agriculture and technology, economics of agriculture, careers

Price: filmstrip, $21.50; slide set, $29.50

Order from: U.S. Department of Agriculture, Photography Center, Room 4407-S 14th & Independence Avenue, S.W. Washington, D.C. 20250

Title: **PEOPLE ON THE FARM: GETTING STARTED**

Publisher/ Producer: **U.S. Department of Agriculture, Photography Center**

Grade Level: 7-9, 10-12

Format: 122-frame filmstrip and slide set with cassette soundtrack (13:15 minutes)

Content Description: Two young Michigan farmers, Wilburn and Ramona Minisee, try to build up a fledgling farming operation. They are black and working against a trend of declining black farm population. 1982.

Concept: agriculture and history, economics of agriculture, careers

Price: filmstrip, $21.50; slide set, $29.50

Order from: U.S. Department of Agriculture, Photography Center, Room 4407-S 14th & Independence Avenue, S.W. Washington, D.C. 20250

Title: **PEOPLE ON THE FARM: GROWING ORANGES**

Publisher/ Producer: **U.S. Department of Agriculture, Photography Center**

Grade Level: 7-9, 10-12

Format: 122-frame filmstrip or slide set with cassette soundtrack (14:44 minutes)

Content Description: Long-range investments and care of fruit trees typify the work of Cecil Hull of Florida and Ron Davis of California as they make their livings in America's rapidly expanding citrus industry. 1980.

Concept: geography of agriculture, agriculture and technology, careers

Price: filmstrip, $21.50; slide set, $29.50

Order from: U.S. Department of Agriculture,
Photography Center, Rm. 4407-S
14th & Independence Avenue, S.W.
Washington, D.C. 20250

Title: **PEOPLE ON THE FARM: RAISING BEEF CATTLE**

Publisher/ Producer: **U.S. Department of Agriculture, Photography Center**

Grade Level: 7-9, 10-12

Format: 29-frame filmstrip or slide set with cassette soundtrack (16:37 minutes)

Content Description: A Colorado rancher, Gene Ritschard, and Missouri farmer, Herbert Schutte, raise beef cattle under vastly different geographic and climatic conditions. 1981.

Concept: geography of agriculture, economics of agriculture, careers

Price: filmstrip, $21.50; slide set, $29.50

Order from: U.S. Department of Agriculture,
Photography Center, Rm. 4407-S
14th & Independence Avenue, S.W.
Washington, D.C. 20250

Title: **PORTRAIT OF A WHEAT FARMER**

Publisher/ Producer: **National Geographic Society**

Grade Level: 1-3, 4-6, 7-9

Format: 16-mm film (15 minutes), study guide, overhead transparencies

Content Description: Teaches students that running a farm is a full-time business, requiring many skills. Also shows the importance of family life on the farm. 1980.

Concept: agriculture and history, geography of agriculture, agriculture and technology, economics of agriculture, agriculture and the world

Price: free loan, user pays return postage

Order from: Kansas Farm Bureau,
Communications Division
2321 Anderson Avenue
Manhattan, Kansas 66502

Title: **PROFITS AT WORK**

Publisher/ Producer: **Illinois Farm Bureau**

Grade Level: 7-9

Format: filmstrip and audio cassette

Content Description: Gives students a look at the business of agriculture from the viewpoint of a farmer. Teaches economics and the role of profit in the business of farming.

Concept: the economics of agriculture

Price: $30.00

Order from: Illinois Farm Bureau
1701 Towanda Avenue
Bloomington, Illinois 61701

Title: **PUTTING IT ALL TOGETHER—FARMERS AND THEIR COOPERATIVES**

Publisher/ Producer: **American Institute of Cooperation**

Grade Level: 10–12

Format: 16-mm film (22 minutes)

Content Description: Shows the special treasures of family farm life. The theme is family farmers at work in their fields and offices and at home and their relationship to cooperatives. Also shows the roles cooperatives play to ensure the success of the Nation's farmers. 1979.

Concept: the economics of agriculture

Price: free loan where local source is available (contact American Institute of Cooperation for information); to purchase, $200.00

Order from: American Institute of Cooperation
1800 Massachusetts Avenue, N.W., Suite 508
Washington, D.C. 20036

Title: **THE SUPERMARKET: A GREAT AMERICAN INVENTION**

Publisher/ Producer: **Food Marketing Institute**

Grade Level: 7–9, 10–12

Format: 35-mm film (23 minutes)

Content Description: Depicts the history of the supermarket from its development during the Depression through the present day, featuring cuts from old film and old photographs. Relates the growth of the supermarket to changes in American society. 1980.

Concept: agriculture and history, the geography of agriculture, agriculture and technology, the economics of agriculture

Price: to purchase—$150.00; for 2-day rental—$40.00

Order from: Food Marketing Institute
1750 K Street, N.W.
Washington, D.C. 20006

Title: **UNCLE JIM'S DAIRY FARM: A SUMMER VISIT WITH AUNT KELLEN AND UNCLE JIM**

Publisher/ Producer: **National Dairy Council**

Grade Level: 1–3, 4–6, teacher reference

Format: 16-mm. film (22 minutes) plus teachers' guide

Content Description: Shows a city boy visiting his cousin on a modern dairy farm. Gives a simple explanation of dairying, describes dairying as a business, and touches on the need for proper foods for growth and health of animals and humans. 1979.

Concept: agriculture and technology, careers

Price: $150.00

Order from: Local Dairy Council or National Dairy Council (if not served by a local Dairy Council)
6300 N. River Road
Rosemont, Illinois 60018

Title: **WE CAN TURN THE TIDE**

Publisher/ Producer: **Agriculture Council of America Education Foundation**

Grade Level: 4–6, 7–9, 10–12, teacher reference

Format: 22-minute film (16-mm, VHS, or Beta) with 16-page booklet.

Content Description: Traces exports from supply stores to farms to port and explains how exports create jobs and fight inflation. Also notes obstacles to full expansion of the export market. 1981.

Concept: the economics of agriculture, agriculture and the world, major policy issues

Price: film, $425.00; booklet, $3.00 each, $190/100

Order from: ACA Education Foundation
Suite 708, 1625 I Street, N.W.
Washington, D.C. 20006

Title: **WHAT WILL I DO WITH MY TIME**

Publisher/
Producer: **New York Life Insurance Company**

Grade Level: 7-9, 10-12

Format: 16-mm film (28 minutes)

Content
Description: Discusses careers in general; includes segment on ranching as a career. 1976.

Concept: careers

Price: short-term free loan basis; user pays return postage

Order from: Careers,
New York Life Insurance Company
Box 51, Madison Square Station
New York, New York 10010

Title: **WHEAT FARMER**

Publisher/
Producer: **Changing Times Education Service, a division of EMC Publishing**

Grade Level: 4-6

Format: 36-page booklet; accompanying read-along cassette is also available

Content
Description: Explains the life and work of a wheat farmer. 1976.

Concept: careers

Price: booklet, $2.25; cassette, $9.00

Order from: Changing Times Education Service
300 York Avenue
St. Paul, Minnesota 55101

Title: **WHOLLY COW**

Publisher/
Producer: **National Dairy Council**

Grade Level: 4-6, 7-9, 10-12, teacher reference

Format: 16-mm. film (11 minutes) plus teachers' guide

Content
Description: Shows how food is processed in a cow's four stomachs to produce milk. Shows scenes of cows and a modern milking operation. 1977.

Price: $90.00

Order from: Local Dairy Council or National Dairy Council (if not served by a local Dairy Council)
6300 N. River Road
Rosemont, Illinois 60018

Title: **WORLD OF WORK**

Publisher/
Producer: **Sunkist Growers, Inc.**

Grade Level: 4-6

Format: filmstrip with cassette, 8-page full-color teaching unit, marketing game to be played by six players

Content
Description: A teaching unit that tells elementary children about the history and the economics of growing and marketing citrus fruit from California and Arizona. Also discusses the many careers available in the growing and marketing of citrus.

Concept: agriculture and history, economics of agriculture, agriculture and the world, careers

Price: $7.00 (Single copies of the teaching unit and "To Market to Market" game are available free on request from educators)

Order from: Sunkist Growers, Inc.
Consumer Services, 78-2
P.O. Box 7888
Van Nuys, California 91409

Collections

Title: **AGRI-DATA**

Publisher/ Producer: **Illinois Women for Agriculture**

Grade Level: 10-12

Format: collection of materials on agriculture gathered from various sources: 37 brochures, lesson plans, pretest, spirit masters

Content Description: Provides information to teachers so they can teach an understanding of the role of the consumer interacting with agriculture in formulating and achieving the goals of a mixed free enterprise system. Economic concepts are used. 1980.

Concept: the economics of agriculture, agriculture and the world, careers, major policy issues

Price: $11.00; single kits are free in Illinois only; number of kits is limited. Information about project is available for self-addressed, stamped envelope.

Order from: Jean Ibendahl
Rt. 1
Tamaroa, Illinois 62888

Title: **FOODONOMICS—1980**

Publisher/ Producer: **Wisconsin Agri-Business Council, Inc.**

Grade Level: varies among items in kit

Format: a collection of 11 different printed materials

Content Description: Helps users better understand the reasons behind today's food production methods. Emphasizes pesticides and Wisconsin products. 1980.

Concept: agriculture and technology, the economics of agriculture

Price: $2.50 to cover postage/handling; limited number available

Order from: Wisconsin Agri-Business Council, Inc.
2117 Sherman Avenue
Madison, Wisconsin 53704

Title: **FOODONOMICS—1981**

Publisher/ Producer: **Wisconsin Agri-Business Council, Inc.**

Grade Level: varies among items in kit

Format: a collection of seven different printed materials

Content Description: Helps users better understand the reasons behind today's food production methods. Emphasizes animal rights and Wisconsin products. 1981.

Concept: agriculture and technology, the economics of agriculture, agriculture and the world

Price: $2.50 to cover postage/handling

Order from: Wisconsin Agri-Business Council, Inc.
2117 Sherman Avenue
Madison, Wisconsin 53704

Title: **INVESTIGATING YOUR ENVIRONMENT—TEACHER'S KIT**

Publisher/ Producer: **USDA-Forest Service**

Grade Level: teacher reference

Format: collection of teaching materials for environmental education

Content Description: Educational kit designed to assist group leaders in environmental investigative activities. Lesson plans include directions and suggested discussion questions for soil, water, forest, animal habitats, and land-use simulation games. 1980.

Concept: geography of agriculture, economics of agriculture, major policy issues

Price: one copy free

Order from: Forest Service, USDA
P.O. Box 2417
Washington, D.C. 20013

Resource Guides

Title: **AGRICULTURE EDUCATION RESOURCE GUIDE**

Publisher/ Producer: **American Agri-Women Resource Center**

Grade Level: 1-3, 4-6, 7-9, 10-12, teacher reference

Format: loose-leaf booklet with more than 150 sources for more than 500 items—print, films, spiritmasters, etc.

Content Description: Lists resource materials that cover all areas of agriculture education. 1981; update 1982.

Concept: agriculture and history, geography of agriculture, agriculture and technology, economics of agriculture, agriculture and the world, careers, major policy issues

Price: $3.00

Order from: American Agri-Women Resource Center
c/o Mrs. Pat Zee, RD#1, Box 398
Glassboro, New Jersey 08028-9603

Title: **ENVIRONMENTAL FILM SERVICE CATALOG**

Publisher/ Producer: **Conservation Districts Foundation**

Grade Level: teacher reference

Format: 25-page booklet

Content Description: Lists audio-visual materials (slide sets, films) on the history of the conservation movement, soil and water conservation, resource management, forestry, recreation, conservation education, energy conservation, and hazardous waste management. 1982.

Concept: geography of agriculture, agriculture and technology, economics of agriculture, agriculture and the world, major policy issues

Price: free

Order from: Environmental Film Service
408 East Main Street, P.O. Box 776
League City, Texas 77573

Title: **FOODS FROM AN IOWA FARM**

Publisher/ Producer: **Iowa Department of Agriculture, Iowa Development Commission, Iowa Farm Bureau, Iowa commodity groups**

Grade Level: preschool/kindergarten, 1-3, 4-6

Format: a catalog offering materials from all the above organizations and USDA. Teachers may order appropriate materials

Content Description: Offers various agriculture/foods and nutrition materials to teachers. Materials may be ordered from the commodity/farm organizations as listed. Published yearly.

Concept: the catalog offers materials that vary from year to year so concepts also vary

Price: free to each school in Iowa; to others on a limited basis

Order from: Iowa Department of Agriculture/
Rural Programs Specialist
Wallace Building
Des Moines, Iowa 50319

Title: **LIST OF FREE-LOAN FILMS**

Publisher/ Producer: **Kansas Wheat Commission**

Grade Level: teacher reference

Format: one sheet

Content Description: Lists 10 films and four video tapes suitable for a variety of age levels that are available on a free loan basis from the Commission.

Concept: agriculture and history, the geography of agriculture, agriculture and technology, the economics of agriculture, agriculture and the world, major policy issues

Price: free

Order from: Kansas Wheat Commission
1021 N. Main Street
Hutchinson, Kansas 67501

Title: **1981 CORNELL INSTRUCTIONAL MATERIALS CATALOG**

Publisher/ Producer: **Cornell University**

Grade Level: 7-9, 10-12, teacher reference

Format: 38-page catalog

Content Description: Lists several hundred selected teaching materials from a variety of sources that are primarily for secondary schools. Published annually.

Concept: agriculture and history, the geography of agriculture, agriculture and technology, the economics of agriculture, agriculture and the world, careers

Price: $1.00

Order from: Daryle E. Foster, Director
Instructional Materials Service
Department of Education
3 Stone Hall, Cornell University
Ithaca, New York 14853

Title: **THE 1981-82 FILM LISTING, BORROWER'S RULES, AND ORDERING FORM**

Publisher/ Producer: **Grange-Farm Film Foundation**

Grade Level: teacher reference

Format: six-panel brochure

Content Description: Lists 32 films suitable for a variety of ages that are available to organizations on a free-loan basis from the Foundation

Concept: agriculture and history, the geography of agriculture, agriculture and technology, the economics of agriculture, careers

Price: free

Order from: Grange-Farm Film Foundation
1616 H Street, N.W.
Washington, D.C. 20006

Title: **EF 019—PLANT AND SOIL SCIENCE EDUCATIONAL AIDS FLIER**

Publisher/ Producer: **National 4-H Council**

Grade Level: 4-6, 7-9, 10-12, teacher reference

Format: flier describing six manuals and accompanying leader/teacher guides published by the National 4-H Council

Content Description: Manuals and guides cover: soil structures and textures; plant reproduction; plant growth factors; plant characteristics; growing and using plants; practical crop production including weed, insect, and disease control.

Concept: agriculture and technology

Price: descriptive flier is free

Order from: National 4-H Council
7100 Connecticut Avenue
Chevy Chase, Maryland 20815

Title: **A TEACHER'S RESOURCE GUIDE FOR NEBRASKA AGRICULTURE**

Publisher/ Producer: **Nebraska Department of Agriculture**

Grade Level: preschool/kindergarten, 1-3, 4-6

Format: two teacher's guides: K-3, 11 pages; 4-6, 15 pages

Content Description: Provides information on resources teachers can use to help educate youth on Nebraska agriculture. Each listing includes a person to contact, the complete address, and a description of the kind of information that is available. 1981.

Price: free

Order from: Nebraska Department of Agriculture
P.O. Box 94947
Lincoln, Nebraska 68509

Title: **TFI TEACHING AND SALES AIDS**

Publisher/ Producer: **The Fertilizer Institute**

Grade Level: teacher reference

Format: 24-page catalog

Content Description: Describes a broad offering of fertilizer-related materials: books, brochures, and folders; motion pictures and color slides; decals, posters and signs.

Concept: agriculture and history, agriculture and technology, the economics of agriculture, agriculture and the world, major policy issues

Price: free

Order from: The Fertilizer Institute
1015 18th Street, N.W.
Washington, D.C. 20036

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